



### Working With a Limited Palette - Zorn Palette

#### Objectives:

This lesson will focus on working with a limited palette. Using the limited Zorn Palette students will learn about:

1. Color temperature
2. Color harmony
3. Color values

PanPastel Colors are pastel (dry) colors that can be mixed like paint & are ideal for experimenting with a limited palette.



**PANPASTEL COLORS**  
Apply Pastel Color Like Paint

#### Materials:

**PanPastel Colors:** Yellow Ochre 270.5  
Permanent Red 340.5  
Black 800.5  
White 100.5

**Sofft Tools:** See chart (Resources page) showing various options.

**Grounds:** Print the worksheets on paper with some texture (e.g. resume paper). Or any drawing or pastel compatible paper.

**Miscellaneous:** Paper towels and eraser

#### Grade Level:

Middle & High School Grades / Ages 11-18

Download this lesson plan :  
[paintdrawblend.com/art-education-resources](http://paintdrawblend.com/art-education-resources)



#### Anders Zorn



Photo by ingen uppgift - Anders Zorn,  
Hans Henrik Brummer, Public Domain,  
<https://commons.wikimedia.org/w/index>

Anders Zorn, 1860-1920, a Swedish artist, was known for his portraits. He studied at the Royal Swedish Academy of Arts 1875-1880. Zorn's portrait of American President Grover Cleveland, 1899, hangs in the National Portrait Gallery in Washington DC.

Zorn mainly used a limited palette for his paintings: Lead White, Ivory Black, Vermillion, and Yellow Ochre. He added other colors as needed. This is not always necessary though, because beautiful paintings can be completed with just those four colors.

Zorn's palette is less limited than it appears. Warm colors are yellow & red, with black & white acting as cool colors. Sophisticated purples can be mixed using red, white and black. Green can be approached with a mixture of yellow and black, and the values can be adjusted using white. Brown is made with a mixture of black, red and yellow.

For further research & info: [Zorn.se](http://Zorn.se)

#### Vocabulary:

Limited Palette		
Values	Tint	Shade
Color Harmony		Color Temperature
Cool Colors		Warm Colors

#### IMPORTANT

Prior to using PanPastel Colors & Sofft Tools, review the "Classroom Tips" on Resources Page of this lesson plan.

#### Lesson:

For the worksheets used: either make copies of the worksheets provided (or download at the link in box above) or ask the students to make their own worksheet grids. For reference, finished examples are shown.

##### 1. ZORN PALETTE WORKSHEET

Begin by having the students complete the No.1 ZORN PALETTE WORKSHEET.

Across the top & sides are the 4 colors.

- a) Add the colors in each of the spaces as indicated.
- b) Then add & mix the second colors indicated where the two intersect on the chart. Clean Sofft Sponge between colors on a paper towel. Use the different sides of the Sofft Tools for different colors.

Observe how the colors change when each additional color is added & notice that all the colors created are harmonious. (*The renowned painter & teacher Richard Schmid also uses similar color charts in his book "Alla Prima".*)

##### 2. VALUES WORKSHEET

Color value is the relative lightness & darkness of a color. Dark values with black added are called "shades" of the color. Light values with white added are called "tints".

Ask the students to complete the No.2 VALUES WORKSHEET with mixtures of 3 colors to achieve 5 distinct values of each mixture. (It usually works best to work from dark to light.). Students will discover that changing the amount of black & white used enables control of the final value achieved.

Students may discover that not all color mixtures will yield the darkest values.

##### 3. TEMPERATURE WORKSHEET

Next, complete the No.3 TEMPERATURE WORKSHEET by applying a single color across each row, then modifying it with a second color in varying degrees as indicated.

*Note: Warm colors are yellow and red. Black and white act as cool colors.*

##### 4. VALUE STUDIES

Choose a subject, and ask the students to create three value studies and a Zorn Palette painting:

- a) Identify the lights & darks in the subject. In a small value sketch, paint the darks black & the lights white.
- b) Paint the same subject again, using yellow ochre as the dark, and adding white to it for the lights.
- c) Do the same with red.
- d) For the final painting - have the students look at the subject in terms of temperature: Cool the shadows with black. Cool the lights with white. Add yellow ochre to warm your lights as needed. Warm the shadows with red.



US President Grover Cleveland  
Artist: Anders Zorn - Oil on Canvas, 1899  
National Portrait Gallery, Smithsonian Institution  
(Washington, DC);  
Gift of the Reverend Thomas G. Cleveland

Lesson Plan Developed by: [Enid Wood PSA](http://EnidWoodPSA.com)  
[EnidWood.com](http://EnidWood.com)

# PANPASTEL®

## LESSON PLAN

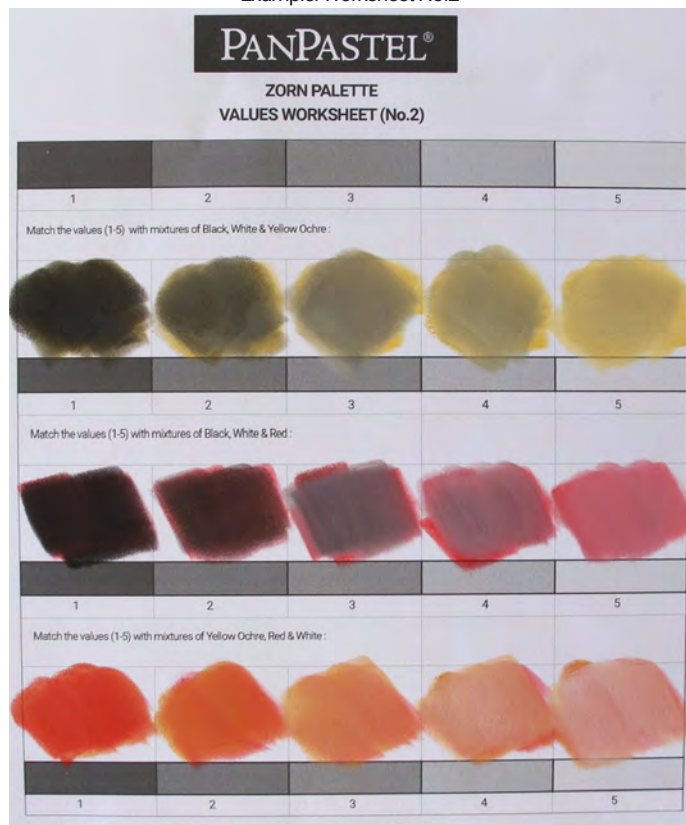


### Working With a Limited Palette - Zorn Palette

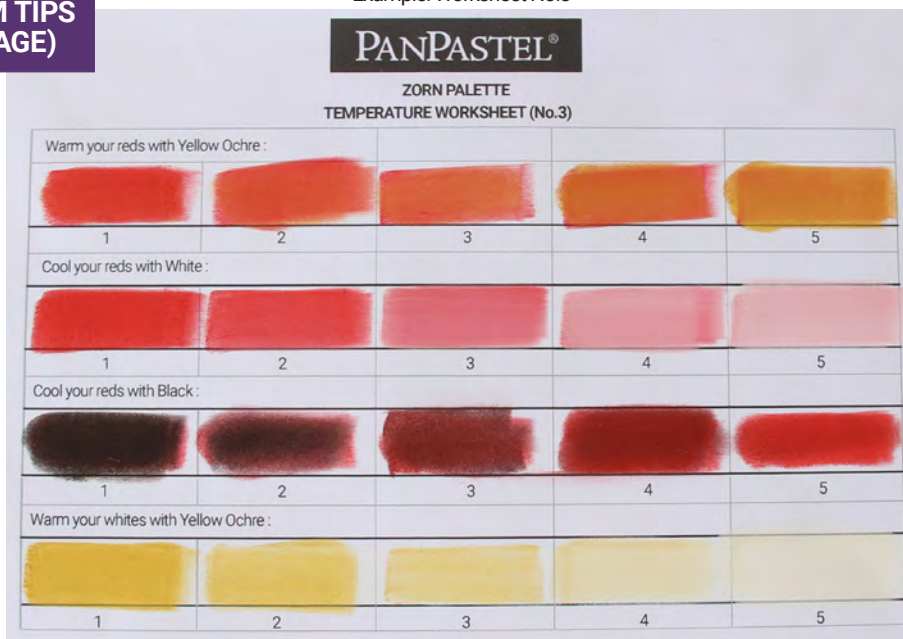
Example: Worksheet No.1



Example: Worksheet No.2



Example: Worksheet No.3



SEE CLASSROOM TIPS  
(RESOURCES PAGE)



### MIXING COLORS

PanPastel Colors can be mixed in various ways :

On the paper/working surface OR on the pan surface.

Also by double-loading the Sofft Tools.

However it may be easier for these worksheets to apply the first color, then mix directly on the paper by applying successive layers of the other colors.

Apply Pastel Color Like Paint

PANPASTEL®

## ZORN PALETTE WORKSHEET (No.1)

	White 100.5		Yellow Ochre 270.5		Perm. Red 340.5		Black 800.5
White 100.5							
Yellow Ochre 270.5							
Perm. Red 340.5							
Black 800.5							

Use PanPastel Colors: Titanium White (100.5), Yellow Ochre (270.5), Permanent Red (340.5), Black (800.5)

**PanPastel.com** Download this worksheet at: [paintdrawblend.com/art-education-resources](http://paintdrawblend.com/art-education-resources)

## ZORN PALETTE VALUES WORKSHEET (No.2)

1	2	3	4	5
Match the values (1-5) with mixtures of Black, White & Yellow Ochre :				
1	2	3	4	5
Match the values (1-5) with mixtures of Black, White & Red :				
1	2	3	4	5
Match the values (1-5) with mixtures of Yellow Ochre, Red & White :				
1	2	3	4	5

Use PanPastel Colors: Titanium White (100.5), Yellow Ochre (270.5), Permanent Red (340.5), Black (800.5)

**PanPastel.com** Download this worksheet at: [paintdrawblend.com/art-education-resources](http://paintdrawblend.com/art-education-resources)



ZORN PALETTE  
TEMPERATURE WORKSHEET (No.3)

Warm your reds with Yellow Ochre :					
1	2	3	4	5	
Cool your reds with White :					
1	2	3	4	5	
Cool your reds with Black :					
1	2	3	4	5	
Warm your whites with Yellow Ochre :					
1	2	3	4	5	



# PANPASTEL® Resources

PanPastel Colors are professional artists' quality soft pastel colors in a unique pan format (cake-like). The special qualities of PanPastel Colors mean that artists can blend and apply pastel (dry) color like paint for the first time.

They are made using a unique manufacturing process resulting in rich, ultra soft and super-blendable colors.

Each color is loaded with the finest quality artists' pigments for the most concentrated colors possible. The colors have excellent lightfastness and are fully erasable.

PanPastel colors are an excellent way to introduce color using a dry medium for drawing and painting techniques.



## Painting



Great for mixed media including with:

- ▶ Pencils
- ▶ Inks
- ▶ Watercolors
- ▶ Polymer Clay
- ▶ Pastel Sticks
- ▶ Acrylics
- ▶ Encaustic
- ▶ Markers

Compatible with all  
pastel fixatives & varnishes

"Great Aunt M" (12 x 12")

PanPastel Painting by Enid Wood using The Zorn Palette  
Details & artist's tips shown below.

### Unique Pan Format

The pan format changes everything - enabling pastel colors to be applied like paint.

4-5 Times\*  
More Coverage  
Than Sticks!

### Mixable

Mix colors like paint.  
A great way to introduce color using a dry medium.

### Instant Color

No preparation or drying time required - no solvents or water needed.

### Mixed Media Friendly

Use with other artist's media & most surfaces.

### Functional Packaging

Plastic base keeps colors separate & clean. Thread together for compact storage. Base labelled for easy color ID.

### Low Dust

Cleaner to use.  
Less waste.

### Erasable

Use any eraser to easily change/correct.  
Very forgiving.

### Highly Pigmented

92 Rich concentrated colors, last longer.  
Professional quality & lightfast.

Conforms to  
ASTM D-4236

\*Each pure color has a corresponding tint, shade & extra dark (as shown).

SOFFT TOOL		USES	BEFORE	AFTER	TECHNIQUES
Sofft Knife & Cover #1 Round		Blocking in skin tones.			Block in local color by wiping tool on paint and then on painting.
Sofft Knife & Cover #2 Flat		Laying in light shapes.			Broad highlights, firm edges, applied with the top edge or side edge of tool.
Sofft Knife & Cover #3 Oval		Layering and blending for modeling and accurate skin tones.			Light strokes with a tilted tool, changing only the top layer of pastel and adding a minimum of color.
Sofft Knife & Cover #4 Point		Linear strokes for hair.			Light strokes with a tilted tool, changing only the top layer of pastel and adding a minimum of color.
Sofft Sponge Bars (4 shapes)		Leading the eye around the painting. Holds a lot of pigment. Great for large marks.			Initial block in, background blending, blouse, crisp edges. Heavy, strokes.
Sofft Applicator Handle & Head		Interesting shapes, gestural marks, movement, subtle shifts in color temperature.			Drag the tool on broad side for linear marks, wipe with flat face for small shadows.
Sofft Tools - Mini Applicators		Details. This tool holds a lot of pigment. Wipe off on towel if too much, and re-load.			Teeth, ring, eyelashes, small linear marks, with edges or face of tool.
Sofft Sponge Bar Wedge		Softening edges. Subtle value shifts.			A little yellow on the wide end of a sponge bar glazed the hair slightly.

## Classroom Tips:

▶ **Demonstrate how to lift color** - by swiping pan surface with sponge 1-2 times. Show students that they should not dig or use pressure when lifting color as that creates unnecessary dust.

▶ **Mix colors like paint** either on working surface or pan surface

Note: traditional color mixing rules apply, e.g. don't overblend to avoid "mud".

▶ **Clean Sofft Tools** between colors by wiping gently on a dry paper (kitchen) towel.

▶ **Clean pan surfaces** by gently wiping away any color contamination with a clean Sofft sponge or paper towel.

▶ **Color layers can be isolated** with workable (spray) fixative.

▶ **Experiment with different surfaces** - on smoother surfaces the color lays down in more transparent layers. On textured surfaces the color is more intense as the tooth "grabs" more color.

FREE VIDEO TUTORIALS  
PanPastel.com

SCAN FOR  
ALL DEMO. VIDEOS:



@JoanneBarby

Questions? Email us: [info@panpastel.com](mailto:info@panpastel.com)

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