

# Converting Colors

YUV(217.2800, -4.5750,  
20.8024)

Have a look what the booklet for  
YUV(217.2800, -4.5750, 20.8024)  
contains.

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# Color

**YUV(217.2800, -4.5750,  
20.8024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CFD0
RGB	241, 207, 208
RGB Percent	95%, 81%, 82%
CMY	0.0549, 0.1882, 0.1843
CMYK	0.00, 0.14, 0.14, 0.05
HSL	358°, 55%, 88%
HSV	358°, 14%, 95%
XYZ	69.9736, 67.8805, 69.0887
YIQ	217.2800, 19.9430, 7.5190

# Conversions

## Conversions Part 2

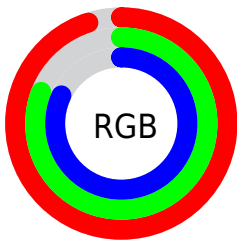
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 207, 208
Decimal	15847376
CIE Lab	85.95, 12.05, 3.91
CIE LCh	86, 12.669, 17.968
Yxy	67.8805, 0.3381, 0.3280
Android (android.graphics.Color)	4294037456 (0xFFF1CFD0)
YUV	217.2800, -4.5750, 20.8024
Hunter-Lab	82.3896, 7.4185, 7.9544

# Details

The YUV color  $217.2800, -4.5750, 20.8024$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $230.7200, 4.5750, -20.8024$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $162.6820, -4.2802, 19.5729$  is the 20% darker color. If you saturate the color by 10%, you get  $200.5700, -7.6760, 35.4571$ , and if you desaturate by 10%, it is  $233.9900, -1.4741, 6.1478$ .

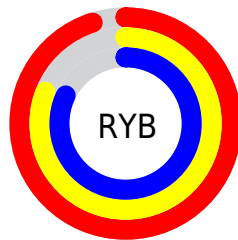
# Distribution



Red (95%)

Green (81%)

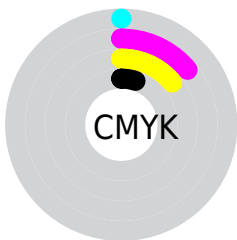
Blue (82%)



Red (95%)

Yellow (81%)

Blue (82%)

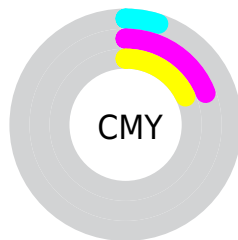


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (5%)



Cyan (5%)

Magenta (19%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.2800, -4.5750, 20.8024 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 217.2800, -4.5750, 20.8024 by changing the saturation by 10% instead.



217.2800, -4.5750,  
20.8024

217.2800, -4.5750,  
20.8024

255.0000, 0.0000,  
0.0000

188.9810, -4.4276,  
20.1877

162.6820, -4.2802,  
19.5729

136.0840, -3.9854,  
18.3433

110.7850, -3.8380,  
17.7286

86.4860, -3.6906,  
17.1138

62.8880, -3.3958,  
15.8842

40.4040, -2.6642,

14.5547

■ 19.2900, -3.1010,  
14.6547

■ 0.0000, 0.0000,  
0.0000

■ 217.2800, -4.5750,  
20.8024

■ 217.2800, -4.5750,  
20.8024

■ 200.5700, -7.6760,  
35.4571

■ 233.9900, -1.4741,  
6.1478

■ 183.7460,  
-11.2138, 50.2118

■ 250.8140, 2.0637,  
-8.6069

■ 167.0360,  
-14.3147, 64.8664

■ 150.2120,  
-17.8525, 79.6211

■ 133.5020,  
-20.9535, 94.2757

■ 116.2050,  
-23.7651, 109.4452

■ 99.3810, -27.3028,  
124.1999

■ 82.6710, -30.4038,  
138.8545

■ 72.8570, -32.4675,  
147.4614

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.4520, 1.2562, 17.1436



217.2800, -4.5750, 20.8024



216.4170, -9.0796, 18.9283

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.2800, -4.5750, 20.8024



212.5230, -6.6668, -8.3517



213.4140, 12.1209, -14.3951

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



217.2800, -4.5750, 20.8024



230.7200, 4.5750, -20.8024

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.0880, 9.8166, -22.0022



217.2800, -4.5750, 20.8024



211.3630, -0.6720, -17.8584

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.2800, -4.5750, 20.8024



213.5630, -10.6306, 3.0142



210.9370, 5.4541, -22.7467



215.2520, 11.2148, -3.7290



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.2800, -4.5750, 20.8024



215.5260, -11.1053, 15.3247



210.9370, 5.4541, -22.7467



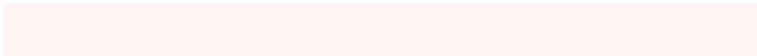
213.2780, 11.6949, -17.7838

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



217.2800, -4.5750, 20.8024



247.9900, -1.4741, 6.1478



220.7430, 9.9867, 16.8884



123.0930, -1.0318, 4.3034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

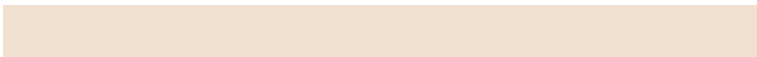
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.2800, -4.5750, 20.8024



224.9710, -5.9017, 26.3354



226.5580, -9.6421, 12.6656



111.5880, -1.7689, 7.3773



55.5860, -24.9389, 112.6191



16.9720, -7.3812, 34.2276



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



217.2800, -4.5750, 20.8024



224.9710, -5.9017, 26.3354



221.4420, 9.6421, -12.6656



111.5880, -1.7689, 7.3773



55.5860, -24.9389, 112.6191



16.9720, -7.3812, 34.2276



# Previews

## White Background



This preview shows how the YUV color 217.2800, -4.5750, 20.8024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

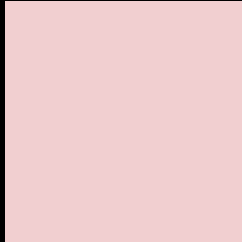
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.2800, -4.5750, 20.8024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

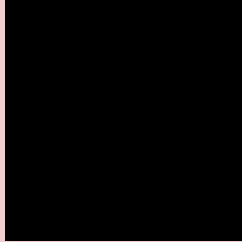
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 217.2800, -4.5750, 20.8024 Background



This preview shows how black text looks on a background with the YUV color 217.2800, -4.5750, 20.8024.



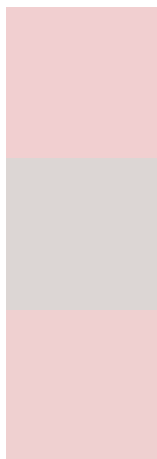
This preview shows how white text looks on a background with the YUV color 217.2800, -4.5750,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

217.2800, -4.5750, 20.8024

### Protanopia

215.5660, -1.7580, 3.8886

### Deuteranopia

217.2690, -4.5696, 19.0581



## Tritanopia

218.1860, 1.3873, 21.7619

# Trichromacy



## Original Color

217.2800, -4.5750, 20.8024

## Protanomaly

216.0830, -2.5059, 10.4512

## Deuteranomaly

217.5680, -4.7170, 19.6729

## Tritanomaly

217.9040, -0.9387, 21.1322

# Monochromacy



## Original Color

217.2800, -4.5750, 20.8024

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

217.0010, -1.4795, 7.8921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.2800, -4.5750, 20.8024 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 208) }
```

## Border

The CSS property to change the border of an element to YUV 217.2800, -4.5750, 20.8024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 207, 208) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 207, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
208) }
```

# Background

The CSS property to change the background color of an element to YUV 217.2800, -4.5750, 20.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
207, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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