

# Converting Colors

YUV(227.3180, -5.5798,  
16.3841)

Have a look what the booklet for  
YUV(227.3180, -5.5798, 16.3841)  
contains.

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# Color

**YUV(227.3180, -5.5798,  
16.3841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6DCD8
RGB	246, 220, 216
RGB Percent	96%, 86%, 85%
CMY	0.0353, 0.1373, 0.1529
CMYK	0.00, 0.11, 0.12, 0.04
HSL	8°, 63%, 91%
HSV	8°, 12%, 96%
XYZ	75.9939, 75.7371, 75.5792
YIQ	227.3180, 16.7800, 4.2680

# Conversions

## Conversions Part 2

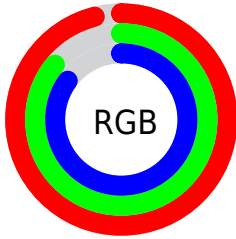
Format	Color
R <sub>Y</sub> B	246, 221, 216
Decimal	16178392
CIE Lab	89.74, 8.31, 5.22
CIE LCh	90, 9.812, 32.157
Yxy	75.7371, 0.3343, 0.3332
Android (android.graphics.Color)	4294368472 (0xFFF6DCD8)
YUV	227.3180, -5.5798, 16.3841
Hunter-Lab	87.0271, 3.5727, 9.4282

# Details

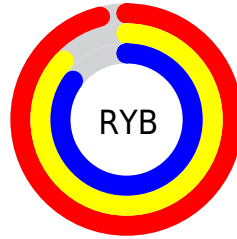
The YUV color  $227.3180, -5.5798, 16.3841$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.6820, 5.5798, -16.3841$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.0190, -5.4324, 15.7693$  is the 20% darker color. If you saturate the color by 10%, you get  $212.1410, -10.4225, 29.6943$ , and if you desaturate by 10%, it is  $242.4950, -0.7370, 3.0739$ .

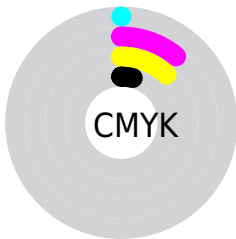
# Distribution



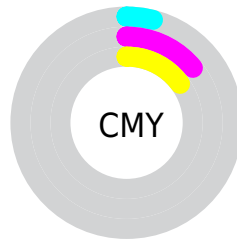
- Red (96%)
- Green (86%)
- Blue (85%)



- Red (96%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.3180, -5.5798, 16.3841 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 227.3180, -5.5798, 16.3841 by changing the saturation by 10% instead.



227.3180, -5.5798,  
16.3841

227.3180, -5.5798,  
16.3841

255.0000, 0.0000,  
0.0000

199.0190, -5.4324,  
15.7693

172.0190, -5.4324,  
15.7693

145.4210, -5.1376,  
14.5398

119.5350, -4.7008,  
14.4398

94.8230, -4.8427,  
13.3102

70.9370, -4.4059,  
13.2103

48.3390, -4.1111,

11.9807

■ 27.7410, -3.8163,  
10.7511

■ 5.0830, -2.5059,  
10.4512

■ 227.3180, -5.5798,  
16.3841

■ 227.3180, -5.5798,  
16.3841

■ 212.1410,  
-10.4225, 29.6943

■ 242.4950, -0.7370,  
3.0739

■ 196.4910,  
-14.5391, 43.4194

■ 252.3090, 1.3267,  
-5.5330

■ 181.3140,  
-19.3818, 56.7296

■ 166.2510,  
-23.7877, 69.9399

■ 150.4870,  
-28.3411, 83.7649

■ 135.3100,  
-33.1838, 97.0751

■ 120.2470,  
-37.5898, 110.2854

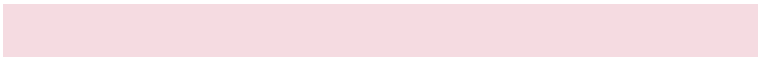
■ 104.4830,  
-42.1431, 124.1104

■ 92.9250, -45.8120,  
134.2468

# Harmonies

## Analogous

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



227.4580, -1.2118, 15.3843



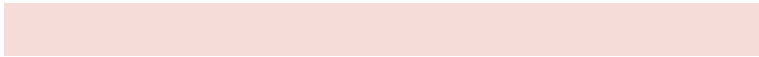
227.3180, -5.5798, 16.3841



226.4980, -8.6265, 13.5953

# Triad

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



227.3180, -5.5798, 16.3841



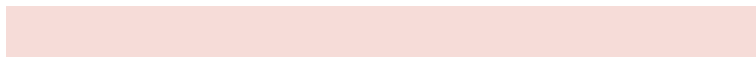
223.1360, -3.0250, -9.7663



225.3610, 9.1890, -7.3326

# Complementary

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



227.3180, -5.5798, 16.3841



234.6820, 5.5798, -16.3841

# 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.



223.9040, 8.9213, -14.8248



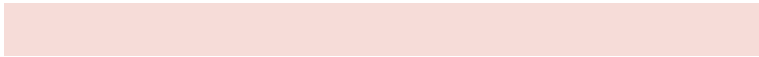
227.3180, -5.5798, 16.3841



222.6560, 1.6486, -15.4843

# Square

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



227.3180, -5.5798, 16.3841



224.1540, -6.9779, -1.8891



223.0840, 5.8746, -17.6137



226.8460, 6.9779, 1.8891



# Rectangle

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



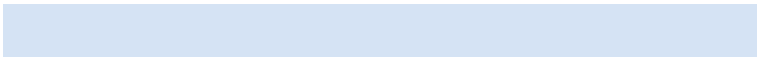
227.3180, -5.5798, 16.3841



225.6500, -9.1945, 9.0769



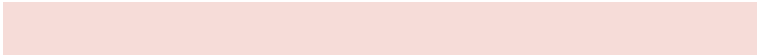
223.0840, 5.8746, -17.6137



224.7520, 9.4893, -10.3065

# Sweetspot

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



227.3180, -5.5798, 16.3841



248.5770, -1.7635, 5.6330



227.9340, 6.9345, 15.8439



123.6800, -1.3212, 3.7886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

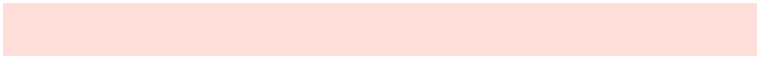


# Same Dimension

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



227.3180, -5.5798, 16.3841



231.2970, -7.0484, 20.7875



236.1230, -9.9206, 8.6621



114.7620, -2.3477, 6.3477



70.2890, -34.6525, 101.4785



22.3370, -11.0121, 32.1535



# Inverse Universe

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



234.6820, 5.5798, -16.3841



240.7030, 7.0484, -20.7875



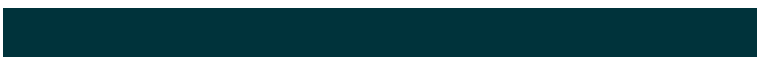
225.8770, 9.9206, -8.6621



117.8250, 2.0583, -6.8625



115.7110, 34.6525, -101.4785

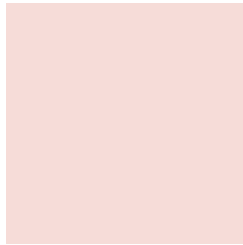


36.6630, 11.0121, -32.1535



# Previews

## White Background



This preview shows how the YUV color 227.3180, -5.5798, 16.3841 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

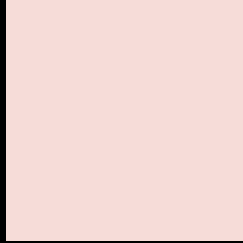
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.3180, -5.5798, 16.3841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

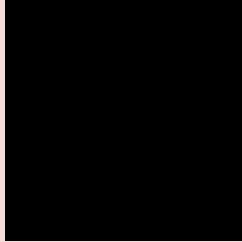
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

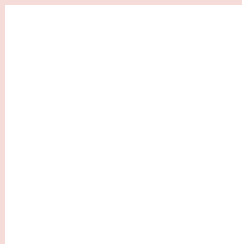
Any Text WCAG AAA ✓ Pass

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

# YUV 227.3180, -5.5798, 16.3841 Background



This preview shows how black text looks on a background with the YUV color 227.3180, -5.5798, 16.3841.



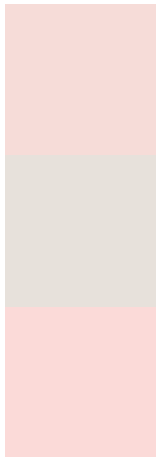
This preview shows how white text looks on a background with the YUV color 227.3180, -5.5798,



# 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

227.3180, -5.5798, 16.3841

### Protanopia

226.1100, -3.5052, 4.2885

### Deuteranopia

227.6390, -5.7380, 20.4876



## Tritanopia

228.2070, 2.8559, 17.3585

# Trichromacy



## Original Color

227.3180, -5.5798, 16.3841

## Protanomaly

226.3170, -4.1003, 8.4920

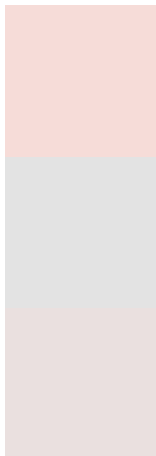
## Deuteranomaly

227.6280, -5.7326, 18.7432

## Tritanomaly

227.6970, -0.3436, 16.9287

# Monochromacy



## Original Color

227.3180, -5.5798, 16.3841

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

226.8760, -1.9109, 6.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.3180, -5.5798, 16.3841 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(246, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 216)  
}
```

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(246, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 216) }
```

## Border

The CSS property to change the border of an element to YUV 227.3180, -5.5798, 16.3841 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(246, 220, 216) }
```



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

```
.border{ border-color:rgb(246, 220, 216) }
```

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

Here you see how a box with a 4 pixel rgb(246, 220, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 227.3180, -5.5798, 16.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 216) }
```

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

```
.background{ background-color: rgb(246,  
220, 216) }
```

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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