

# Converting Colors

YUV(212.5180, 1.2236, 27.6097)

Have a look what the booklet for  
YUV(212.5180, 1.2236, 27.6097)  
contains.

<b>YUV(212.5180, 1.2236, 27.6097)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(212.5180, 1.2236,  
27.6097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C4D7
RGB	244, 196, 215
RGB Percent	96%, 77%, 84%
CMY	0.0431, 0.2314, 0.1569
CMYK	0.00, 0.20, 0.12, 0.04
HSL	336°, 69%, 86%
HSV	336°, 20%, 96%
XYZ	69.3139, 63.6192, 72.9165
YIQ	212.5180, 22.5090, 16.0850

# Conversions

## Conversions Part 2

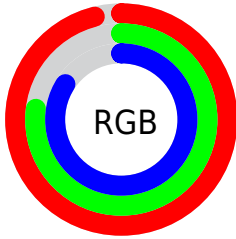
Format	Color
R <sub>Y</sub> B	244, 196, 215
Decimal	16041175
CIE Lab	83.77, 20.02, -2.97
CIE LCh	84, 20.241, 351.573
Yxy	63.6192, 0.3367, 0.3091
Android (android.graphics.Color)	4294231255 (0xFF4C4D7)
YUV	212.5180, 1.2236, 27.6097
Hunter-Lab	79.7617, 15.5358, 1.6315

# Details

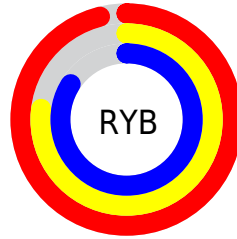
The YUV color  $212.5180, 1.2236, 27.6097$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $227.4820, -1.2236, -27.6097$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8260, 0.5788, 1.0296$ , and  $157.5070, 1.2290, 25.8654$  is the 20% darker color. If you saturate the color by 10%, you get  $196.7200, 1.6170, 41.4646$ , and if you desaturate by 10%, it is  $228.3160, 0.8302, 13.7549$ .

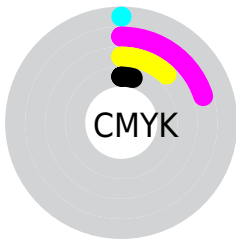
# Distribution



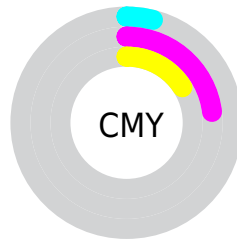
- Red (96%)
- Green (77%)
- Blue (84%)



- Red (96%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.5180, 1.2236, 27.6097 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 212.5180, 1.2236, 27.6097 by changing the saturation by 10% instead.



212.5180, 1.2236,  
27.6097

212.5180, 1.2236,  
27.6097

255.0000, 0.0000,  
0.0000

184.8060, 1.0816,  
26.4801

253.8260, 0.5788,  
1.0296

157.5070, 1.2290,  
25.8654

131.2080, 1.3765,  
25.2506

105.6100, 1.6713,  
24.0210

81.8980, 1.5293,  
22.8915

58.1860, 1.3873,  
21.7619

35.7020, 2.1189,

20.4323

■ 13.5280, 2.6977,  
21.4619

■ 0.0000, 0.0000,  
0.0000

■ 212.5180, 1.2236,  
27.6097

■ 212.5180, 1.2236,  
27.6097

■ 196.7200, 1.6170,  
41.4646

■ 228.3160, 0.8302,  
13.7549

■ 180.4490, 2.7366,  
55.7342

■ 244.5870, -0.2894,  
-0.5148

■ 164.6510, 3.1301,  
69.5891

■ 251.7110, 1.6215,  
-6.7625

■ 148.2660, 3.8129,  
83.9587

■ 132.4680, 4.2063,  
97.8136

■ 116.7840, 5.0365,  
111.5684

■ 100.3990, 5.7193,  
125.9381

■ 84.6010, 6.1127,  
139.7929

■ 84.0140, 6.4021,  
140.3077

# Harmonies

## Analogous

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



212.1340, 10.2869, 13.9145



212.5180, 1.2236, 27.6097



211.8470, -7.8126, 32.5832

# Triad

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



212.5180, 1.2236, 27.6097



206.6570, -16.5929, 2.0548



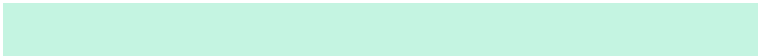
203.2480, 17.1327, -35.2975

# Complementary

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



212.5180, 1.2236, 27.6097



227.4820, -1.2236, -27.6097

# 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.



201.6900, 10.0128, -38.3161



212.5180, 1.2236, 27.6097



204.3820, -9.5553, -15.2440

# Square

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



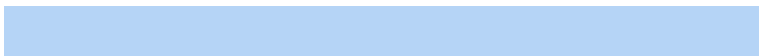
212.5180, 1.2236, 27.6097



208.8870, -18.6783, 17.6391



202.5140, 0.2396, -30.2688



206.6070, 19.4207, -22.4573



# Rectangle

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



212.5180, 1.2236, 27.6097



210.7560, -13.1907, 30.9090



202.5140, 0.2396, -30.2688



202.0690, 15.2490, -37.7715

# Sweetspot

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



212.5180, 1.2236, 27.6097



245.1690, 0.4097, 8.6218



210.1430, 16.6915, 13.0296



122.0330, -0.0163, 5.2331



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.



212.5180, 1.2236, 27.6097



214.9750, 1.4913, 35.1019



213.2870, -8.5225, 26.9353



114.1580, 0.4151, 6.8774



64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723



# Inverse Universe

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



212.5180, 1.2236, 27.6097



214.9750, 1.4913, 35.1019



226.7130, 8.5225, -26.9353



114.1580, 0.4151, 6.8774



64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 212.5180, 1.2236, 27.6097 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

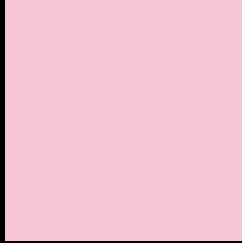
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.5180, 1.2236, 27.6097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

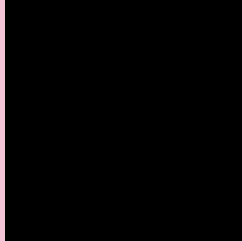
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 212.5180, 1.2236, 27.6097

## Background



This preview shows how black text looks on a background with the YUV color 212.5180, 1.2236, 27.6097.



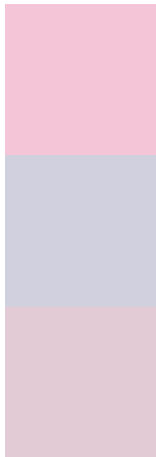
This preview shows how white text looks on a background with the YUV color 212.5180, 1.2236, 27.6097.



# 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

212.5180, 1.2236, 27.6097

### Protanopia

209.8950, 5.9678, -0.7849

### Deuteranopia

211.4300, 1.2670, 13.6549



## Tritanopia

212.7630, -0.3762, 27.3948

# Trichromacy



## Original Color

212.5180, 1.2236, 27.6097

## Protanomaly

211.0920, 3.8986, 9.5663

## Deuteranomaly

211.4630, 1.2507, 18.8879

## Tritanomaly

212.8770, 0.0606, 27.2949

# Monochromacy



## Original Color

212.5180, 1.2236, 27.6097

## Achromatopsia

213.0000, 0.0000, 0.0000

## Achromatomaly

212.8810, 0.5517, 9.7514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.5180, 1.2236, 27.6097 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(244, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 196, 215)  
}
```

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(244, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 196, 215) }
```

## Border

The CSS property to change the border of an element to YUV 212.5180, 1.2236, 27.6097 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(244, 196, 215) }
```



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

```
.border{ border-color:rgb(244, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 196, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 196, 215); box-shadow:4px 4px 4px 4px rgb(244, 196, 215) }
```

# Background

The CSS property to change the background color of an element to YUV 212.5180, 1.2236, 27.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 196, 215) }
```

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

```
.background{ background-color: rgb(244,  
196, 215) }
```

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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