

# Converting Colors

YUV(207.6780, -4.7713,  
37.1164)

Have a look what the booklet for  
YUV(207.6780, -4.7713, 37.1164)  
contains.

<b>YUV(207.6780, -4.7713, 37.1164)</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(207.6780, -4.7713,  
37.1164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABCC6
RGB	250, 188, 198
RGB Percent	98%, 74%, 78%
CMY	0.0196, 0.2627, 0.2235
CMYK	0.00, 0.25, 0.21, 0.02
HSL	350°, 86%, 86%
HSV	350°, 25%, 98%
XYZ	67.6006, 60.3677, 61.5153
YIQ	207.6780, 33.7420, 16.2540

# Conversions

## Conversions Part 2

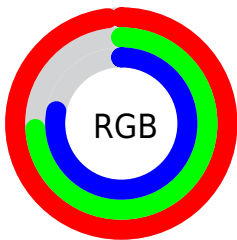
Format	Color
R <sub>Y</sub> B	250, 188, 198
Decimal	16432326
CIE Lab	82.04, 23.74, 3.69
CIE LCh	82, 24.024, 8.843
Yxy	60.3677, 0.3568, 0.3186
Android (android.graphics.Color)	4294622406 (0xFFFA <sup>B</sup> CC6)
YUV	207.6780, -4.7713, 37.1164
Hunter-Lab	77.6966, 19.3363, 7.4456

# Details

The YUV color  $207.6780, -4.7713, 37.1164$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $230.3220, 4.7713, -37.1164$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.1300, 2.8939, 5.1480$ , and  $152.7810, -4.3290, 35.2721$  is the 20% darker color. If you saturate the color by 10%, you get  $190.6090, -6.7092, 52.0859$ , and if you desaturate by 10%, it is  $224.7470, -2.8333, 22.1469$ .

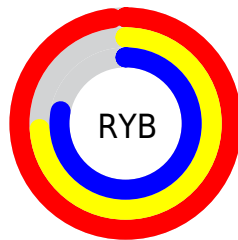
# Distribution



Red (98%)

Green (74%)

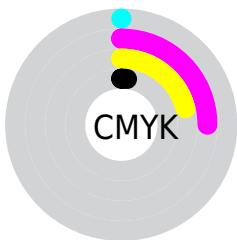
Blue (78%)



Red (98%)

Yellow (74%)

Blue (78%)

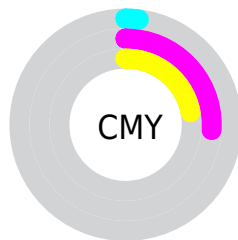


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (26%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 207.6780, -4.7713, 37.1164 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 207.6780, -4.7713, 37.1164 by changing the saturation by 10% instead.





 207.6780, -4.7713,  
37.1164

 207.6780, -4.7713,  
37.1164

255.0000, 0.0000,  
0.0000


 180.0800, -4.4764,  
35.8868


 249.1300, 2.8939,  
5.1480

 152.7810, -4.3290,  
35.2721

 126.8840, -3.8868,  
33.4277


 101.2860, -3.5920,  
32.1982


 76.3890, -3.1498,  
30.3538


 52.9050, -2.4182,  
29.0243


 30.1220, -1.5391,


27.0800

 12.2590, -6.0437,  
25.2059

 0.0000, 0.0000,  
0.0000


 207.6780, -4.7713,  
37.1164


 207.6780, -4.7713,  
37.1164


 190.6090, -6.7092,  
52.0859

 224.7470, -2.8333,  
22.1469

 173.5400, -8.6472,  
67.0554

 241.8160, -0.8953,  
7.1774

 156.4710,  
-10.5852, 82.0249

 253.5050, 0.7370,  
-3.0739

 139.4020,  
-12.5232, 96.9944

■ 122.3330,  
-14.4612, 111.9640

■ 105.2640,  
-16.3992, 126.9335

■ 88.1950, -18.3371,  
141.9030

■ 79.3100, -19.3798,  
149.6951

# Harmonies

## Analogous

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



208.1850, 6.3178, 27.0248



207.6780, -4.7713, 37.1164



206.4470, -14.5174, 36.4420

# Triad

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



207.6780, -4.7713, 37.1164



199.5200, -15.5394, -9.2260



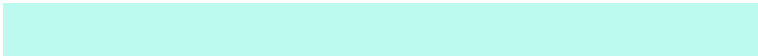
199.0290, 22.6637, -35.9824

# Complementary

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



207.6780, -4.7713, 37.1164



230.3220, 4.7713, -37.1164

# 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.



194.9970, 17.7495, -46.4784



207.6780, -4.7713, 37.1164



197.1460, -5.0020, -29.0690

# Square

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



207.6780, -4.7713, 37.1164



202.5610, -20.9826, 10.0320



194.9730, 7.4083, -42.9493



203.9330, 21.7250, -14.8502



# Rectangle

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



207.6780, -4.7713, 37.1164



205.4480, -19.4479, 31.1791



194.9730, 7.4083, -42.9493



197.7680, 21.8064, -41.0155

# Sweetspot

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



207.6780, -4.7713, 37.1164



242.7240, -1.3429, 10.7661



210.6160, 19.4163, 25.7698



120.5170, -0.7479, 6.5626



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.



207.6780, -4.7713, 37.1164



203.0920, -5.9614, 45.5233



218.8650, -15.2164, 27.3054



116.1150, -1.0427, 7.7921



59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016



# Inverse Universe

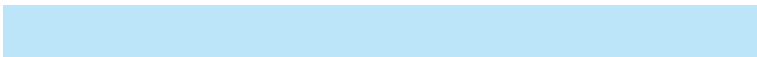
The Inverse Universe completely reimagines the original color for something new.



207.6780, -4.7713, 37.1164



203.0920, -5.9614, 45.5233



219.1350, 15.2164, -27.3054



116.1150, -1.0427, 7.7921



59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016



# Previews

## White Background



This preview shows how the YUV color 207.6780, -4.7713, 37.1164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

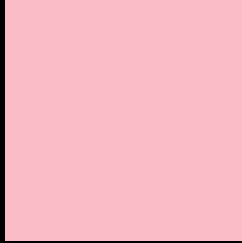
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.6780, -4.7713, 37.1164 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 207.6780, -4.7713, 37.1164

## Background



This preview shows how black text looks on a background with the YUV color 207.6780, -4.7713, 37.1164.



This preview shows how white text looks on a background with the YUV color 207.6780, -4.7713,

37.1164.

# 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

207.6780, -4.7713, 37.1164

### Protanopia

204.6520, 1.1576, 2.0592

### Deuteranopia

205.8560, -4.8590, 18.5433



## Tritanopia

207.5470, -2.7347, 37.2313

# Trichromacy



## Original Color

207.6780, -4.7713, 37.1164

## Protanomaly

206.1590, -1.0644, 14.7696

## Deuteranomaly

206.6010, -4.7333, 24.9059

## Tritanomaly

207.4330, -3.1715, 37.3313

# Monochromacy



## Original Color

207.6780, -4.7713, 37.1164

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.9200, -1.9326, 13.2252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.6780, -4.7713, 37.1164 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(250, 188, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 188, 198)  
}
```

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(250, 188, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 188, 198) }
```

## Border

The CSS property to change the border of an element to YUV 207.6780, -4.7713, 37.1164 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(250, 188, 198) }
```



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

```
.border{ border-color:rgb(250, 188, 198) }
```

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

Here you see how a box with a 4 pixel rgb(250, 188, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 188, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 188, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 188,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 207.6780, -4.7713, 37.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 188, 198) }
```

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

```
.background{ background-color: rgb(250,  
188, 198) }
```

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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