

# Converting Colors

YUV(213.6020, -6.2128,  
32.7980)

Have a look what the booklet for  
YUV(213.6020, -6.2128, 32.7980)  
contains.

<b>YUV(213.6020, -6.2128, 32.7980)</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(213.6020, -6.2128,  
32.7980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC5C9
RGB	251, 197, 201
RGB Percent	98%, 77%, 79%
CMY	0.0157, 0.2275, 0.2118
CMYK	0.00, 0.22, 0.20, 0.02
HSL	356°, 87%, 88%
HSV	356°, 22%, 98%
XYZ	70.2925, 64.6588, 64.0339
YIQ	213.6020, 30.9000, 12.6920

# Conversions

## Conversions Part 2

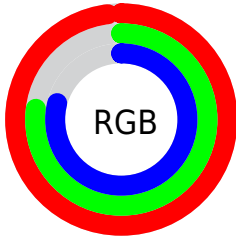
Format	Color
<b>R<sub>YB</sub></b>	251, 197, 201
Decimal	16500169
CIE <sub>Lab</sub>	84.31, 19.80, 5.38
CIE <sub>LCh</sub>	84, 20.519, 15.201
Yxy	64.6588, 0.3533, 0.3249
Android (android.graphics.Color)	4294690249 (0xFFFB <sub>C5C9</sub> )
YUV	213.6020, -6.2128, 32.7980
Hunter-Lab	80.4107, 15.3205, 9.0727

# Details

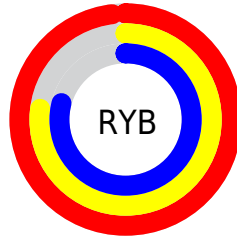
The YUV color  $213.6020, -6.2128, 32.7980$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.3980, 6.2128, -32.7980$ , and the grayscale version is  $214.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4130, 0.2894, 0.5148$ , and  $158.7050, -5.7706, 30.9537$  is the 20% darker color. If you saturate the color by 10%, you get  $196.3050, -9.0244, 47.9675$ , and if you desaturate by 10%, it is  $230.8990, -3.4012, 17.6286$ .

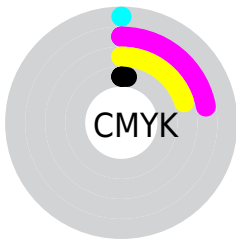
# Distribution



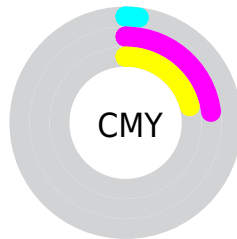
- Red (98%)
- Green (77%)
- Blue (79%)



- Red (98%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.6020, -6.2128, 32.7980 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 213.6020, -6.2128, 32.7980 by changing the saturation by 10% instead.



213.6020, -6.2128,  
32.7980

213.6020, -6.2128,  
32.7980

255.0000, 0.0000,  
0.0000

186.0040, -5.9180,  
31.5685

254.4130, 0.2894,  
0.5148

158.7050, -5.7706,  
30.9537

132.1070, -5.4758,  
29.7242

106.6230, -4.7441,  
28.3946

82.0250, -4.4493,  
27.1651

58.7150, -4.2965,  
24.8059

36.2310, -3.5649,

23.4764

■ 12.7150, -4.2965,  
24.8059

■ 0.0000, 0.0000,  
0.0000

■ 213.6020, -6.2128,  
32.7980

■ 213.6020, -6.2128,  
32.7980

■ 196.3050, -9.0244,  
47.9675

■ 230.8990, -3.4012,  
17.6286

■ 179.0080,  
-11.8359, 63.1370

■ 248.1960, -0.5896,  
2.4591

■ 161.5970,  
-15.0843, 78.4064

■ 253.8040, 0.5896,  
-2.4591

■ 144.3000,  
-17.8959, 93.5759

■ 127.0030,  
-20.7075, 108.7454

■ 109.1190,  
-23.2297, 124.4296

■ 91.7080, -26.4780,  
139.6991

■ 77.2150, -28.7000,  
152.4094

# Harmonies

## Analogous

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



214.3760, 3.2656, 25.9802



213.6020, -6.2128, 32.7980



212.5280, -14.0643, 31.1089

# Triad

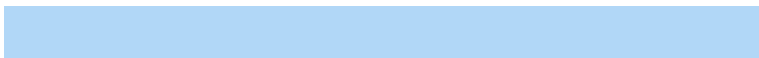
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.6020, -6.2128, 32.7980



206.5350, -11.6028, -11.8702



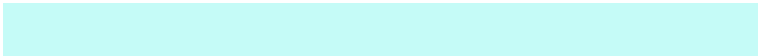
207.2860, 19.5790, -26.5608

# Complementary

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



213.6020, -6.2128, 32.7980



234.3980, 6.2128, -32.7980

# 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.



204.2970, 16.1226, -37.9715



213.6020, -6.2128, 32.7980



204.2540, -2.0972, -27.4098

# Square

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



213.6020, -6.2128, 32.7980



208.4510, -17.4773, 5.7435



203.2340, 8.2656, -37.9162



210.9400, 17.7776, -8.7174



# Rectangle

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



213.6020, -6.2128, 32.7980



211.5720, -17.5370, 24.9314



203.2340, 8.2656, -37.9162



206.1390, 19.1585, -31.6939

# Sweetspot

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



213.6020, -6.2128, 32.7980



244.5990, -1.7743, 9.1217



217.8070, 16.3641, 24.7253



121.6910, -1.3267, 5.5330



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.



213.6020, -6.2128, 32.7980



209.3040, -7.5449, 40.0754



226.6470, -14.6160, 21.3576



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.8090, -6.8078, 37.0015



# Inverse Universe

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



213.6020, -6.2128, 32.7980



209.3040, -7.5449, 40.0754



221.9400, 14.3266, -21.8724



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.8090, -6.8078, 37.0015



# Previews

## White Background



This preview shows how the YUV color 213.6020, -6.2128, 32.7980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

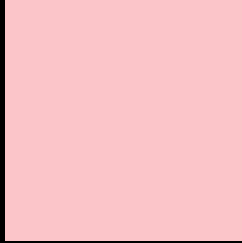
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.6020, -6.2128, 32.7980 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 213.6020, -6.2128, 32.7980

## Background



This preview shows how black text looks on a background with the YUV color 213.6020, -6.2128, 32.7980.



This preview shows how white text looks on a background with the YUV color 213.6020, -6.2128,

32.7980.

# 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

213.6020, -6.2128, 32.7980

### Protanopia

211.2670, -1.6106, 3.2738

### Deuteranopia

212.2260, -6.0274, 19.9728



## Tritanopia

213.8670, -1.4134, 33.4426

# Trichromacy



## Original Color

213.6020, -6.2128, 32.7980

## Protanomaly

211.8770, -3.3904, 14.1399

## Deuteranomaly

212.8460, -6.3331, 24.6911

## Tritanomaly

213.9980, -3.4500, 33.3278

# Monochromacy



## Original Color

213.6020, -6.2128, 32.7980

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

213.7950, -2.3639, 11.5808

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.6020, -6.2128, 32.7980 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(251, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 201)  
}
```

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(251, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 201) }
```

## Border

The CSS property to change the border of an element to YUV 213.6020, -6.2128, 32.7980 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(251, 197, 201) }
```



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

```
.border{ border-color:rgb(251, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 213.6020, -6.2128, 32.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 201) }
```

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

```
.background{ background-color: rgb(251,  
197, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor