

Converting Colors

YUV(212.4500, -5.6448,
37.3164)

Have a look what the booklet for
YUV(212.4500, -5.6448, 37.3164)
contains.

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Color

**YUV(212.4500, -5.6448,
37.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C9
RGB	255, 193, 201
RGB Percent	100%, 76%, 79%
CMY	0.0000, 0.2431, 0.2118
CMYK	0.00, 0.24, 0.21, 0.00
HSL	352°, 100%, 88%
HSV	352°, 24%, 100%
XYZ	70.8526, 63.6170, 63.8033
YIQ	212.4500, 34.3840, 15.6320

Conversions

Conversions Part 2

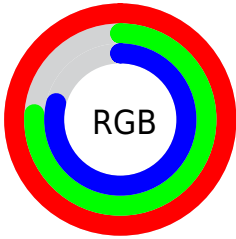
Format	Color
R_{YB}	255, 193, 201
Decimal	16761289
CIE _{Lab}	83.77, 23.33, 4.65
CIE _{LCh}	84, 23.792, 11.266
Yxy	63.6170, 0.3573, 0.3209
Android (android.graphics.Color)	4294951369 (0xFFFFC1C9)
YUV	212.4500, -5.6448, 37.3164
Hunter-Lab	79.7602, 18.9846, 8.4038

Details

The YUV color $212.4500, -5.6448, 37.3164$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $235.5500, 5.6448, -37.3164$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.4470, 2.5740$, and $157.2540, -5.0552, 34.8572$ is the 20% darker color. If you saturate the color by 10%, you get $195.2670, -8.0196, 52.3858$, and if you desaturate by 10%, it is $230.2200, -3.5595, 21.7321$.

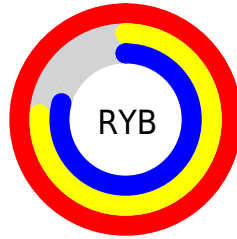
Distribution



Red (100%)

Green (76%)

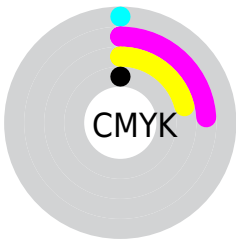
Blue (79%)



Red (100%)

Yellow (76%)

Blue (79%)

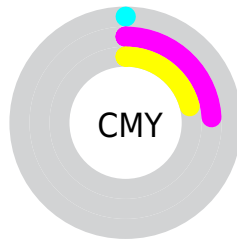


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4500, -5.6448, 37.3164 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 212.4500, -5.6448, 37.3164 by changing the saturation by 10% instead.

 212.4500, -5.6448,
37.3164

 212.4500, -5.6448,
37.3164


255.0000, 0.0000,
0.0000

 184.8520, -5.3500,
36.0868


 252.0650, 1.4470,
2.5740

 157.2540, -5.0552,
34.8572

 130.6560, -4.7604,
33.6277

 105.1720, -4.0288,
32.2982

 80.5740, -3.7340,
31.0686

 56.6770, -3.2918,
29.2243

 34.0080, -1.9759,

27.1800

■ 13.1990, -5.0281,
26.1355

■ 0.0000, 0.0000,
0.0000

■ 212.4500, -5.6448,
37.3164

■ 212.4500, -5.6448,
37.3164

■ 195.2670, -8.0196,
52.3858

■ 230.2200, -3.5595,
21.7321

■ 177.4970,
-10.1050, 67.9701

■ 247.4030, -1.1847,
6.6626

■ 160.2000,
-12.9166, 83.1396

■ 255.0000, 0.0000,
0.0000

■ 142.4300,
-15.0020, 98.7239

■ 125.2470,
-17.3768, 113.7934

■ 107.4770,
-19.4622, 129.3777

■ 90.2940, -21.8369,
144.4472

■ 80.0070, -23.1745,
153.4689

Harmonies

Analogous

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



213.2560, 5.2968, 27.8395



212.4500, -5.6448, 37.3164



210.9200, -15.2436, 36.0272

Triad

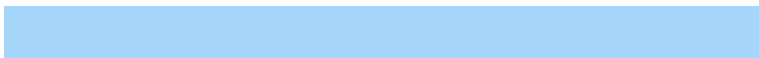
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.4500, -5.6448, 37.3164



204.1500, -14.3709, -10.6555



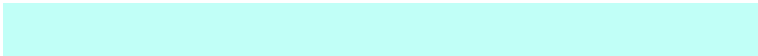
204.4530, 22.9477, -33.7233

Complementary

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



212.4500, -5.6448, 37.3164



235.5500, 5.6448, -37.3164

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.



200.5240, 18.4757, -46.0635



212.4500, -5.6448, 37.3164



201.7760, -3.8336, -30.4986

Square

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



212.4500, -5.6448, 37.3164



206.9630, -20.6878, 8.8024



199.9020, 8.4293, -43.7641



208.8300, 21.2828, -13.0059

Rectangle

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



212.4500, -5.6448, 37.3164



209.7360, -19.5898, 30.0495



199.9020, 8.4293, -43.7641



202.7790, 21.8010, -39.2712

Sweetspot

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



212.4500, -5.6448, 37.3164



242.6100, -1.7797, 10.8660



216.2140, 19.1215, 26.9993



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.



212.4500, -5.6448, 37.3164



204.2660, -6.5401, 44.4937



225.0390, -15.7952, 26.2758



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Inverse Universe

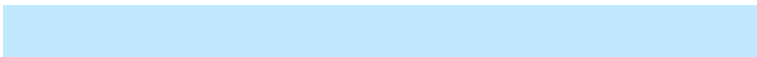
The Inverse Universe completely reimagines the original color for something new.



212.4500, -5.6448, 37.3164



204.2660, -6.5401, 44.4937



222.9610, 15.7952, -26.2758



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 212.4500, -5.6448, 37.3164 looks on a white background.

Color Contrast Check

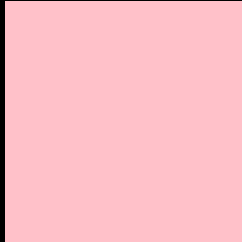
Large Text (above 18pt) WCAG AA × Fail

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 212.4500, -5.6448, 37.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

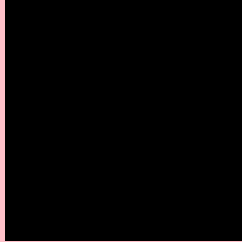
Any Text WCAG AA ✓ Pass

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 212.4500, -5.6448, 37.3164 Background



This preview shows how black text looks on a background with the YUV color 212.4500, -5.6448, 37.3164.



This preview shows how white text looks on a background with the YUV color 212.4500, -5.6448,

37.3164.

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

212.4500, -5.6448, 37.3164

Protanopia

209.7230, 0.1366, 2.8739

Deuteranopia

210.9270, -5.8800, 19.3580



Tritanopia

212.5470, -2.7347, 37.2313

Trichromacy



Original Color

212.4500, -5.6448, 37.3164

Protanomaly

210.9310, -1.9380, 14.9695

Deuteranomaly

211.6720, -5.7543, 25.7207

Tritanomaly

212.3190, -3.6083, 37.4312

Monochromacy



Original Color

212.4500, -5.6448, 37.3164

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.2190, -2.0800, 13.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4500, -5.6448, 37.3164 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(255, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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(255, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 201) }
```

Border

The CSS property to change the border of an element to YUV 212.4500, -5.6448, 37.3164 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(255, 193, 201) }
```


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

```
.border{ border-color:rgb(255, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 212.4500, -5.6448, 37.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 201) }
```

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

```
.background{ background-color: rgb(255,  
193, 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](#).

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