

Converting Colors

YUV(213.9660, -4.9132,
35.9868)

Have a look what the booklet for
YUV(213.9660, -4.9132, 35.9868)
contains.

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Color

**YUV(213.9660, -4.9132,
35.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3CC
RGB	255, 195, 204
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2353, 0.2000
CMYK	0.00, 0.24, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 24%, 100%
XYZ	71.6542, 64.6498, 65.8288
YIQ	213.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

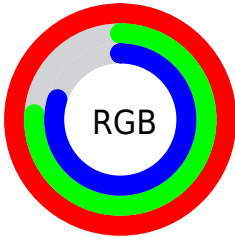
Format	Color
R_{YB}	255, 195, 204
Decimal	16761804
CIE _{Lab}	84.30, 22.72, 3.82
CIE _{LCh}	84, 23.041, 9.546
Yxy	64.6498, 0.3545, 0.3198
Android (android.graphics.Color)	4294951884 (0xFFFFC3CC)
YUV	213.9660, -4.9132, 35.9868
Hunter-Lab	80.4051, 18.3639, 7.7420

Details

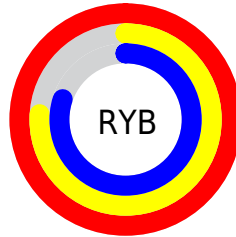
The YUV color $213.9660, -4.9132, 35.9868$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.0340, 4.9132, -35.9868$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8682, 1.5444$, and $158.7700, -4.3236, 33.5277$ is the 20% darker color. If you saturate the color by 10%, you get $196.7830, -7.2880, 51.0563$, and if you desaturate by 10%, it is $231.1490, -2.5385, 20.9173$.

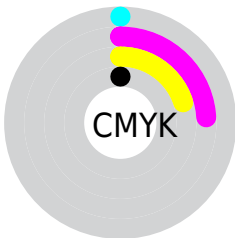
Distribution



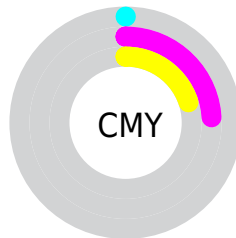
- Red (100%)
- Green (76%)
- Blue (80%)



- Red (100%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9660, -4.9132, 35.9868 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 213.9660, -4.9132, 35.9868 by changing the saturation by 10% instead.

 213.9660, -4.9132,
35.9868

 213.9660, -4.9132,
35.9868


255.0000, 0.0000,
0.0000


 186.3680, -4.6184,
34.7573


 253.2390, 0.8682,
1.5444

 158.7700, -4.3236,
33.5277

 132.4710, -4.1762,
32.9129


 106.5740, -3.7340,
31.0686


 81.9760, -3.4392,
29.8390

 58.1930, -2.5601,
27.8947


 35.7090, -1.8285,


26.5652

 13.6550, -3.2809,
25.7356


 0.0000, 0.0000,
0.0000

 213.9660, -4.9132,
35.9868


 213.9660, -4.9132,
35.9868

 196.7830, -7.2880,
51.0563

 231.1490, -2.5385,
20.9173

 179.1270, -8.9366,
66.5406

 248.8050, -0.8899,
5.4330

 161.9440,
-11.3114, 81.6101

255.0000, 0.0000,
0.0000

 144.1740,
-13.3968, 97.1944

■ 126.5180,
-15.0454, 112.6787

■ 109.3350,
-17.4202, 127.7482

■ 91.5650, -19.5055,
143.3325

■ 80.5770, -20.9905,
152.9690

Harmonies

Analogous

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



214.3590, 5.7390, 25.9952



213.9660, -4.9132, 35.9868



212.8490, -14.2226, 35.2124

Triad

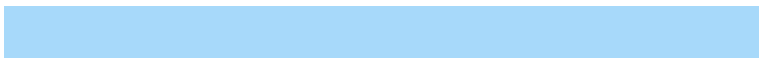
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.9660, -4.9132, 35.9868



205.7480, -14.6658, -9.4260



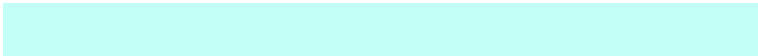
205.8120, 21.7847, -34.0381

Complementary

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



213.9660, -4.9132, 35.9868



236.0340, 4.9132, -35.9868

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.



202.1930, 17.1599, -44.0193



213.9660, -4.9132, 35.9868



203.5590, -4.7126, -28.5542

Square

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



213.9660, -4.9132, 35.9868



208.7890, -20.1090, 9.8320



201.6850, 7.5503, -41.8197



210.1180, 21.1408, -14.1355

Rectangle

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



213.9660, -4.9132, 35.9868



211.9640, -18.7163, 29.8496



201.6850, 7.5503, -41.8197



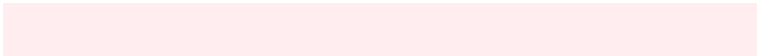
204.8500, 20.7799, -38.4565

Sweetspot

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



213.9660, -4.9132, 35.9868



242.7240, -1.3429, 10.7661



217.0890, 18.6901, 25.3549



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.



213.9660, -4.9132, 35.9868



206.3690, -6.0979, 42.6494



225.2670, -14.9216, 26.0758



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Inverse Universe

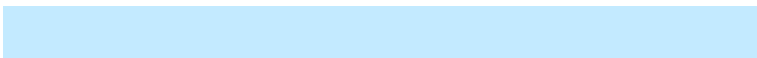
The Inverse Universe completely reimagines the original color for something new.



213.9660, -4.9132, 35.9868



206.3690, -6.0979, 42.6494



224.7330, 14.9216, -26.0758



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 213.9660, -4.9132, 35.9868 looks on a white background.

Color Contrast Check

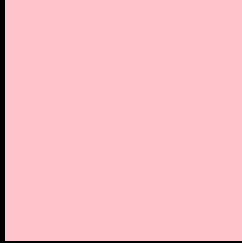
Large Text (above 18pt) WCAG AA × Fail

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 213.9660, -4.9132, 35.9868 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 213.9660, -4.9132, 35.9868

Background



This preview shows how black text looks on a background with the YUV color 213.9660, -4.9132, 35.9868.



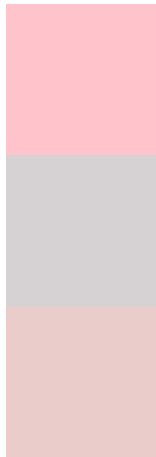
This preview shows how white text looks on a background with the YUV color 213.9660, -4.9132,

35.9868.

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

213.9660, -4.9132, 35.9868

Protanopia

211.4240, 0.2840, 2.2592

Deuteranopia

212.7420, -5.2958, 18.6433



Tritanopia

213.9490, -2.4399, 36.0017

Trichromacy



Original Color

213.9660, -4.9132, 35.9868

Protanomaly

212.6320, -1.7906, 14.3547

Deuteranomaly

213.4870, -5.1701, 25.0059

Tritanomaly

213.7210, -3.3135, 36.2017

Monochromacy



Original Color

213.9660, -4.9132, 35.9868

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9660, -4.9132, 35.9868 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 204) }
```

Border

The CSS property to change the border of an element to YUV 213.9660, -4.9132, 35.9868 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, 195, 204) }
```


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

```
.border{ border-color:rgb(255, 195, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 213.9660, -4.9132, 35.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 204) }
```

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

```
.background{ background-color: rgb(255,  
195, 204) }
```

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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