

Converting Colors

YUV(213.6990, -3.3026,
32.7130)

Have a look what the booklet for
YUV(213.6990, -3.3026, 32.7130)
contains.

YUV(213.6990, -3.3026, 32.7130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(213.6990, -3.3026,
32.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC4CF
RGB	251, 196, 207
RGB Percent	98%, 77%, 81%
CMY	0.0157, 0.2314, 0.1882
CMYK	0.00, 0.22, 0.18, 0.02
HSL	348°, 87%, 88%
HSV	348°, 22%, 98%
XYZ	70.7861, 64.4941, 67.7493
YIQ	213.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

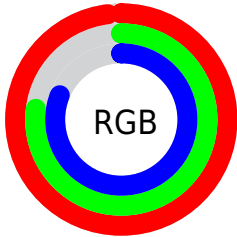
Format	Color
R _Y B	251, 196, 207
Decimal	16499919
CIE _{Lab}	84.22, 21.22, 2.05
CIE _{LCh}	84, 21.323, 5.526
Y _{xy}	64.4941, 0.3486, 0.3177
Android (android.graphics.Color)	4294689999 (0xFFFB4CF)
YUV	213.6990, -3.3026, 32.7130
Hunter-Lab	80.3082, 16.7959, 6.1978

Details

The YUV color $213.6990, -3.3026, 32.7130$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $233.3010, 3.3026, -32.7130$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $158.8020, -2.8604, 30.8686$ is the 20% darker color. If you saturate the color by 10%, you get $196.7440, -4.8038, 47.5825$, and if you desaturate by 10%, it is $230.6540, -1.8014, 17.8434$.

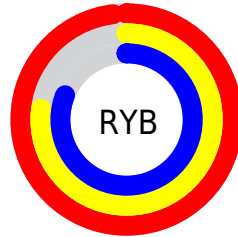
Distribution



Red (98%)

Green (77%)

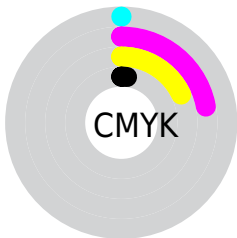
Blue (81%)



Red (98%)

Yellow (77%)

Blue (81%)

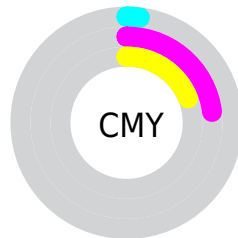


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6990, -3.3026, 32.7130 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 213.6990, -3.3026, 32.7130 by changing the saturation by 10% instead.

 213.6990, -3.3026,
32.7130

 213.6990, -3.3026,
32.7130

255.0000, 0.0000,
0.0000


 185.9870, -3.4446,
31.5834


 253.8260, 0.5788,
1.0296

 158.8020, -2.8604,
30.8686

 132.2040, -2.5656,
29.6391

 106.6060, -2.2708,
28.4095

 82.0080, -1.9759,
27.1800

 58.4100, -1.6811,
25.9504

 35.6270, -0.8021,

24.0061

■ 13.5130, -1.2389,
24.1061

■ 0.0000, 0.0000,
0.0000

■ 213.6990, -3.3026,
32.7130

■ 213.6990, -3.3026,
32.7130

■ 196.7440, -4.8038,
47.5825

■ 230.6540, -1.8014,
17.8434

■ 179.7890, -6.3050,
62.4520

■ 247.6090, -0.3002,
2.9739

■ 162.8340, -7.8062,
77.3216

■ 253.8040, 0.5896,
-2.4591

■ 145.8790, -9.3073,
92.1911

■ 128.3370,
-10.5191, 107.5755

■ 111.3820,
-12.0203, 122.4450

■ 94.3130, -13.9583,
137.4145

■ 80.7490, -15.1593,
149.3101

Harmonies

Analogous

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



213.8640, 6.4760, 22.9213



213.6990, -3.3026, 32.7130



212.7070, -12.1806, 33.5830

Triad

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



213.6990, -3.3026, 32.7130



206.4710, -14.5292, -6.5521



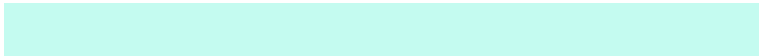
205.6550, 19.8901, -33.0234

Complementary

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



213.6990, -3.3026, 32.7130



233.3010, 3.3026, -32.7130

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.



202.9330, 14.8230, -41.1602



213.6990, -3.3026, 32.7130



204.0650, -5.4550, -23.7360

Square

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



213.6990, -3.3026, 32.7130



209.0280, -19.2408, 11.3764



202.4360, 5.2081, -37.2164



209.7650, 19.8359, -15.5799

Rectangle

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



213.6990, -3.3026, 32.7130



211.5340, -16.5323, 29.3497



202.4360, 5.2081, -37.2164



204.4050, 19.0273, -36.3122

Sweetspot

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



213.6990, -3.3026, 32.7130



242.8380, -0.9061, 10.6661



215.4260, 17.5380, 21.5514



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.



213.6990, -3.3026, 32.7130



210.2160, -4.0505, 39.2756



222.4240, -13.0270, 25.0612



116.2290, -0.6059, 7.6922



60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Inverse Universe

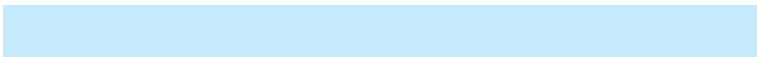
The Inverse Universe completely reimagines the original color for something new.



213.6990, -3.3026, 32.7130



210.2160, -4.0505, 39.2756



224.5760, 13.0270, -25.0612



116.2290, -0.6059, 7.6922



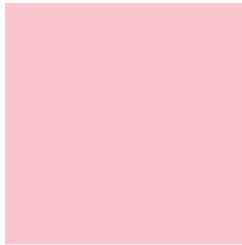
60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 213.6990, -3.3026, 32.7130 looks on a white background.

Color Contrast Check

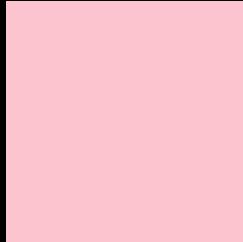
Large Text (above 18pt) WCAG AA × Fail

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 213.6990, -3.3026, 32.7130 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 213.6990, -3.3026, 32.7130

Background



This preview shows how black text looks on a background with the YUV color 213.6990, -3.3026, 32.7130.



This preview shows how white text looks on a background with the YUV color 213.6990, -3.3026,

32.7130.

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

213.6990, -3.3026, 32.7130

Protanopia

210.8800, 2.0312, 1.8592

Deuteranopia

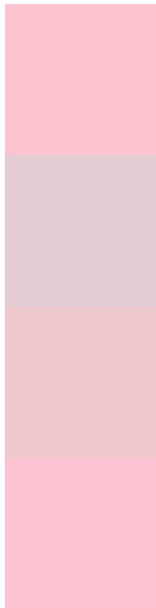
212.0130, -2.9644, 17.5286



Tritanopia

213.5680, -1.2660, 32.8279

Trichromacy



Original Color

213.6990, -3.3026, 32.7130

Protanomaly

211.7890, 0.1040, 13.3400

Deuteranomaly

212.3450, -3.1281, 23.3764

Tritanomaly

213.4540, -1.7028, 32.9278

Monochromacy



Original Color

213.6990, -3.3026, 32.7130

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.4360, -1.2009, 11.8956

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6990, -3.3026, 32.7130 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, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 196, 207)  
}
```

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, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 196, 207) }
```

Border

The CSS property to change the border of an element to YUV 213.6990, -3.3026, 32.7130 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, 196, 207) }
```


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

```
.border{ border-color:rgb(251, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 196,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 213.6990, -3.3026, 32.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 196, 207) }
```

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

```
.background{ background-color: rgb(251,  
196, 207) }
```

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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