

Converting Colors

YUV(206.6770, -3.2918,
29.2243)

Have a look what the booklet for
YUV(206.6770, -3.2918, 29.2243)
contains.

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Color

**YUV(206.6770, -3.2918,
29.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BFC8
RGB	240, 191, 200
RGB Percent	94%, 75%, 78%
CMY	0.0588, 0.2510, 0.2157
CMYK	0.00, 0.20, 0.17, 0.06
HSL	349°, 62%, 85%
HSV	349°, 20%, 94%
XYZ	64.9913, 59.9570, 62.7910
YIQ	206.6770, 26.3150, 13.1870

Conversions

Conversions Part 2

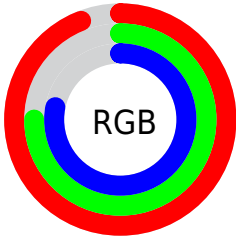
Format	Color
R _Y B	240, 191, 200
Decimal	15777736
CIE Lab	81.81, 18.88, 2.17
CIE LCh	82, 19.005, 6.568
Yxy	59.9570, 0.3462, 0.3194
Android (android.graphics.Color)	4293967816 (0xFF0BFC8)
YUV	206.6770, -3.2918, 29.2243
Hunter-Lab	77.4319, 14.3155, 6.1229

Details

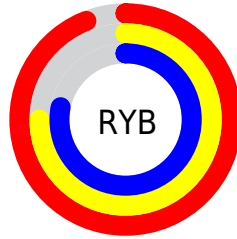
The YUV color $206.6770, -3.2918, 29.2243$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $224.3230, 3.2918, -29.2243$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 2.0257, 3.6036$, and $151.7800, -2.8495, 27.3799$ is the 20% darker color. If you saturate the color by 10%, you get $190.3090, -5.0823, 43.5790$, and if you desaturate by 10%, it is $223.0450, -1.5012, 14.8695$.

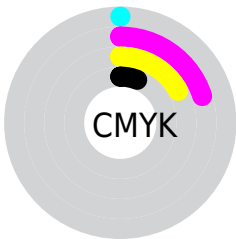
Distribution



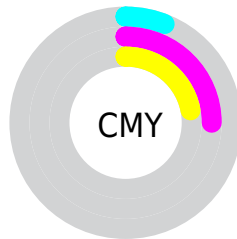
- Red (94%)
- Green (75%)
- Blue (78%)



- Red (94%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6770, -3.2918, 29.2243 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 206.6770, -3.2918, 29.2243 by changing the saturation by 10% instead.


 206.6770, -3.2918,
29.2243


 206.6770, -3.2918,
29.2243

255.0000, 0.0000,
0.0000


 179.0790, -2.9969,
27.9947


 250.8910, 2.0257,
3.6036

 151.7800, -2.8495,
27.3799

 126.0680, -2.9915,
26.2504

 100.8830, -2.4073,
25.5356

 76.2850, -2.1125,
24.3061

 53.3880, -1.6703,
22.4617

 30.9040, -0.9387,

21.1322

■ 10.9920, -4.4331,
21.9320

■ 0.0000, 0.0000,
0.0000

■ 206.6770, -3.2918,
29.2243

■ 206.6770, -3.2918,
29.2243

■ 190.3090, -5.0823,
43.5790

■ 223.0450, -1.5012,
14.8695

■ 174.0550, -6.4361,
57.8338

■ 239.2990, -0.1474,
0.6148

■ 157.6870, -8.2267,
72.1885

■ 250.5150, 2.2111,
-9.2217

■ 141.4330, -9.5805,
86.4433

■ 125.0650,
-11.3710, 100.7980

■ 108.6970,
-13.1616, 115.1527

■ 92.4430, -14.5154,
129.4075

■ 76.7760, -16.1586,
143.1474

Harmonies

Analogous

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



206.9130, 5.4659, 20.2473



206.6770, -3.2918, 29.2243



205.9130, -11.2961, 29.8943

Triad

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



206.6770, -3.2918, 29.2243



200.3400, -12.4926, -6.4372



199.7050, 17.4004, -27.8053

Complementary

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



206.6770, -3.2918, 29.2243



224.3230, 3.2918, -29.2243

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.



197.5100, 13.0596, -35.5273



206.6770, -3.2918, 29.2243



198.0160, -4.4449, -21.0620

Square

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



206.6770, -3.2918, 29.2243



202.0000, -16.7620, 9.6470



197.0560, 4.9024, -32.4981



203.3910, 17.0622, -12.6209

Rectangle

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



206.6770, -3.2918, 29.2243



204.8540, -15.2110, 25.5610



197.0560, 4.9024, -32.4981



199.0420, 16.2483, -31.6088

Sweetspot

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



206.6770, -3.2918, 29.2243



244.8270, -0.9007, 8.9217



208.2470, 15.6542, 19.0774



121.8050, -0.8899, 5.4330



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.



206.6770, -3.2918, 29.2243



211.5040, -4.1925, 38.1460



214.4560, -11.5638, 22.4021



111.8160, -0.8953, 7.1774



58.8920, -12.2718, 109.7197



17.8840, -3.8868, 33.4277

Inverse Universe

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



206.6770, -3.2918, 29.2243



211.5040, -4.1925, 38.1460



216.5440, 11.5638, -22.4021



111.8160, -0.8953, 7.1774



58.8920, -12.2718, 109.7197



17.8840, -3.8868, 33.4277

Previews

White Background



This preview shows how the YUV color 206.6770, -3.2918, 29.2243 looks on a white background.

Color Contrast Check

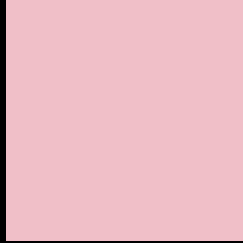
Large Text (above 18pt) WCAG AA × Fail

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 206.6770, -3.2918, 29.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

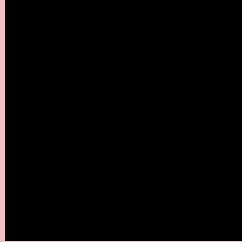
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.6770, -3.2918, 29.2243

Background



This preview shows how black text looks on a background with the YUV color 206.6770, -3.2918, 29.2243.



This preview shows how white text looks on a background with the YUV color 206.6770, -3.2918,

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

206.6770, -3.2918, 29.2243

Protanopia

204.3530, 1.3050, 1.4444

Deuteranopia

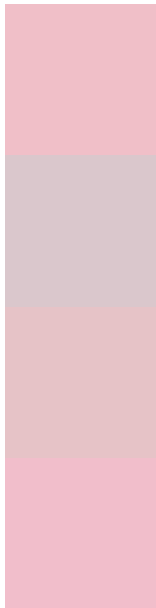
205.6000, -3.2538, 17.0138



Tritanopia

206.9590, -0.9658, 29.8540

Trichromacy



Original Color

206.6770, -3.2918, 29.2243

Protanomaly

205.2510, -0.6167, 11.1809

Deuteranomaly

205.9210, -3.4121, 21.1173

Tritanomaly

206.7310, -1.8394, 30.0539

Monochromacy



Original Color

206.6770, -3.2918, 29.2243

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7240, -1.3429, 10.7661

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6770, -3.2918, 29.2243 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(240, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 200)  
}
```

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(240, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 200) }
```

Border

The CSS property to change the border of an element to YUV 206.6770, -3.2918, 29.2243 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(240, 191, 200) }
```


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

```
.border{ border-color:rgb(240, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 206.6770, -3.2918, 29.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 200) }
```

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

```
.background{ background-color: rgb(240,  
191, 200) }
```

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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