

Converting Colors

YUV(206.4960, -66.3065,
-12.7130)

Have a look what the booklet for
YUV(206.4960, -66.3065, -12.7130)
contains.

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Color

**YUV(206.4960, -66.3065,
-12.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F048
RGB	192, 240, 72
RGB Percent	75%, 94%, 28%
CMY	0.2471, 0.0588, 0.7176
CMYK	0.20, 0.00, 0.70, 0.06
HSL	77°, 85%, 61%
HSV	77°, 70%, 94%
XYZ	54.0680, 73.9945, 17.5636
YIQ	206.4960, 25.3200, -62.4240

Conversions

Conversions Part 2

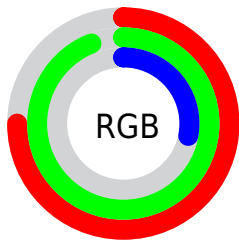
Format	Color
RYB	72, 240, 120
Decimal	12644424
CIELab	88.92, -37.95, 72.02
CIELCh	89, 81.412, 117.786
Yxy	73.9945, 0.3713, 0.5081
Android (android.graphics.Color)	4290834504 (0xFFC0F048)
YUV	206.4960, -66.3065, -12.7130
Hunter-Lab	86.0201, -38.3387, 48.1082

Details

The YUV color **206.4960, -66.3065, -12.7130** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **105.5040, 66.3065, 12.7130**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8530, -54.1575, 10.6529**, and **148.0740, -73.0005, -12.3429** is the 20% darker color. If you saturate the color by 10%, you get **201.6670, -75.7578, -14.6170**, and if you desaturate by 10%, it is **211.3250, -56.8552, -10.8090**.

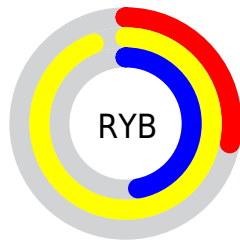
Distribution



Red (75%)

Green (94%)

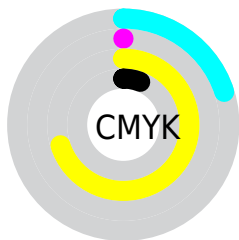
Blue (28%)



Red (28%)

Yellow (94%)

Blue (47%)

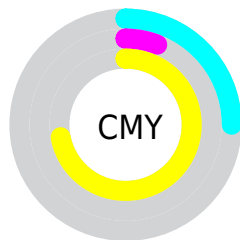


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4960, -66.3065, -12.7130 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 206.4960, -66.3065, -12.7130 by changing the saturation by 10% instead.

■ 206.4960,
-66.3065, -12.7130

■ 206.4960,
-66.3065, -12.7130

■ 255.0000, 0.0000,
0.0000

■ 177.6270,
-68.3431, -12.8279

■ 239.8530,
-54.1575, 10.6529

■ 148.0740,
-73.0005, -12.3429

■ 243.9420,
-42.3694, 9.6979

■ 123.8530,
-61.0595, -15.6571

■ 247.2480,
-29.7023, 6.7985

■ 99.3330, -48.9712,
-19.5860

■ 250.5540,
-17.0351, 3.8991

■ 76.2860, -37.6090,
-23.9298

■ 253.9740, -3.9312,
0.8998

■ 50.5480, -24.9202,
-33.8066

■ 33.4590, -16.4953,

-29.3435

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 206.4960,
-66.3065, -12.7130

■ 206.4960,
-66.3065, -12.7130

■ 201.6670,
-75.7578, -14.6170

■ 211.3250,
-56.8552, -10.8090

■ 196.8380,
-85.2091, -16.5209

■ 216.1540,
-47.4039, -8.9051

■ 192.0090,
-94.6604, -18.4249

■ 220.9830,
-37.9526, -7.0011

■ 225.5130,
-28.3539, -5.7119

230.3420,
-18.9026, -3.8079

235.1710, -9.4513,
-1.9040

240.0000, 0.0000,
0.0000

243.8030, 5.5201,
2.8038

245.8960, 4.4883,
7.1072

Harmonies

Analogous

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



209.7970, -79.2729, 39.6430



206.4960, -66.3065, -12.7130



187.6250, -25.4511, -97.0181

Triad

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



206.4960, -66.3065, -12.7130



176.9940, 38.4570, -155.2237



190.7430, 20.3397, 56.3534

Complementary

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



206.4960, -66.3065, -12.7130



105.5040, 66.3065, 12.7130

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.



205.6920, 24.3088, 43.2431



206.4960, -66.3065, -12.7130



166.4280, 43.6660, -145.9574

Square

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



206.4960, -66.3065, -12.7130



178.7550, 37.5888, -156.7681



213.0920, 20.6606, -0.0807



186.7750, -15.1721, 59.8333

Rectangle

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



206.4960, -66.3065, -12.7130



171.1170, 8.3233, -150.0696



213.0920, 20.6606, -0.0807



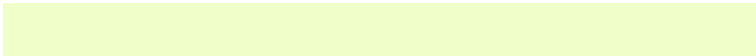
195.7130, 29.2285, 51.9947

Sweetspot

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



206.4960, -66.3065, -12.7130



244.3590, -21.3760, -3.8228



150.4080, -38.6551, 78.5722



121.3620, -12.5035, -2.9485



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.



206.4960, -66.3065, -12.7130



212.3650, -84.4829, -16.1061



181.3800, -53.9243, -64.3543



117.4360, -4.6519, -1.2594



147.1770, -72.5583, -14.1872



44.8320, -22.1022, -4.2377

Inverse Universe

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



105.5040, 66.3065, 12.7130



83.6350, 84.4829, 16.1061



130.6200, 53.9243, 64.3543



110.2650, 4.7994, 0.6446



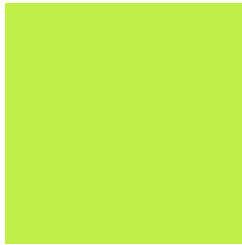
36.5240, 72.7057, 13.5725



11.1680, 22.1022, 4.2377

Previews

White Background



This preview shows how the YUV color 206.4960, -66.3065, -12.7130 looks on a white background.

Color Contrast Check

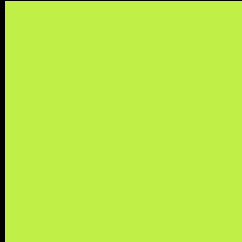
Large Text (above 18pt) WCAG AA × Fail

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 206.4960, -66.3065, -12.7130 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 206.4960, -66.3065, -12.7130 Background



This preview shows how black text looks on a background with the YUV color 206.4960, -66.3065, -12.7130.



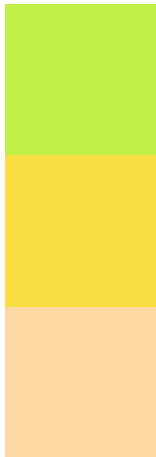
This preview shows how white text looks on a background with the YUV color 206.4960, -66.3065, -12.7130.

-12.7130.

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

206.4960, -66.3065, -12.7130

Protanopia

213.1040, -71.5363, 31.4808

Deuteranopia

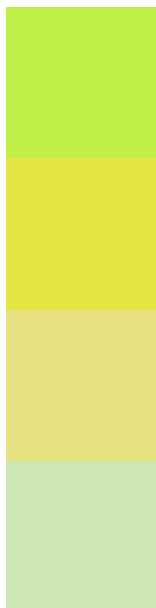
222.2060, -29.1886, 28.7603



Tritanopia

222.1650, 9.7787, -9.7917

Trichromacy



Original Color

206.4960, -66.3065, -12.7130

Protanomaly

210.4610, -69.7403, 15.3817

Deuteranomaly

216.2630, -42.5277, 13.8013

Tritanomaly

216.5260, -18.0073, -10.9853

Monochromacy



Original Color

206.4960, -66.3065, -12.7130

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9630, -24.1388, -4.3526

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4960, -66.3065, -12.7130 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(192, 240, 72)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 72)  
}
```

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(192, 240, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 72) }
```

Border

The CSS property to change the border of an element to YUV 206.4960, -66.3065, -12.7130 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(192, 240, 72) }
```


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

```
.border{ border-color:rgb(192, 240, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 240, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 72);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 206.4960, -66.3065, -12.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 72) }
```

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

```
.background{ background-color: rgb(192,  
240, 72) }
```

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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