

Converting Colors

YUV(188.6300, 30.7484,
-109.3005)

Have a look what the booklet for
YUV(188.6300, 30.7484, -109.3005)
contains.

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Color

**YUV(188.6300, 30.7484,
-109.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	40F0FB
RGB	64, 240, 251
RGB Percent	25%, 94%, 98%
CMY	0.7490, 0.0588, 0.0157
CMYK	0.75, 0.04, 0.00, 0.02
HSL	184°, 96%, 62%
HSV	184°, 75%, 98%
XYZ	50.6870, 70.3752, 102.1791
YIQ	188.6300, -108.4270, -33.8910

Conversions

Conversions Part 2

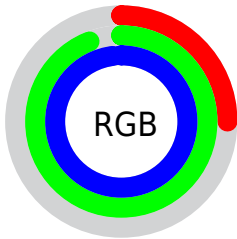
Format	Color
RYB	64, 155, 251
Decimal	4255995
CIELab	87.18, -39.28, -17.91
CIELCh	87, 43.167, 204.514
Yxy	70.3752, 0.2271, 0.3152
Android (android.graphics.Color)	4282446075 (0xFF40F0FB)
YUV	188.6300, 30.7484, -109.3005
Hunter-Lab	83.8899, -38.9561, -13.4931

Details

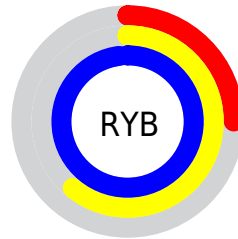
The YUV color **188.6300, 30.7484, -109.3005** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **126.3700, -30.7484, 109.3005**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **129.5370, 31.7803, -113.6039** is the 20% darker color. If you saturate the color by 10%, you get **180.5680, 34.7230, -124.1551**, and if you desaturate by 10%, it is **196.6920, 26.7738, -94.4459**.

Distribution



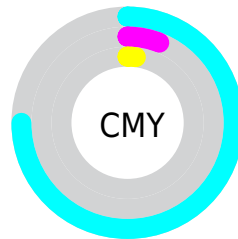
- Red (25%)
- Green (94%)
- Blue (98%)



- Red (25%)
- Yellow (61%)
- Blue (98%)



- Cyan (75%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (75%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6300, 30.7484, -109.3005 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 188.6300, 30.7484, -109.3005 by changing the saturation by 10% instead.

188.6300, 30.7484,
-109.3005

188.6300, 30.7484,
-109.3005

255.0000, 0.0000,
0.0000

149.1650, 35.9077,
-130.8177

220.3160, 17.0992,
-71.3141

129.5370, 31.7803,
-113.6039

230.1830, 12.2348,
-51.0265

110.6100, 27.8003,
-97.0050

239.7510, 7.5178,
-31.3536

91.7970, 24.2571,
-80.5060

249.3190, 2.8007,
-11.6808

74.1580, 20.1351,
-65.0366

56.7470, 16.8867,
-49.7671

39.9230, 13.3490,

-35.0125

■ 25.0880, 9.8166,
-22.0022

■ 3.4370, 10.6306,
-3.0142

■ 188.6300, 30.7484,
-109.3005

■ 188.6300, 30.7484,
-109.3005

■ 180.5680, 34.7230,
-124.1551

■ 196.6920, 26.7738,
-94.4459

■ 171.9190, 38.9869,
-138.4950

■ 205.3410, 22.5099,
-80.1061

■ 167.1460, 41.3400,
-146.5870

■ 213.4030, 18.5353,
-65.2514

■ 222.0520, 14.2714,
-50.9116

■ 230.1140, 10.2968,
-36.0570

■ 239.0620, 5.8854,
-21.1024

■ 247.1240, 1.9109,
-6.2477

■ 252.7830, -0.8790,
1.9443

■ 253.3700, -1.1684,
1.4295

Harmonies

Analogous

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



197.8950, 5.4748, -76.2069



188.6300, 30.7484, -109.3005



191.5330, 31.2892, -96.0604

Triad

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



188.6300, 30.7484, -109.3005



220.3670, 17.0741, 30.3731



216.1820, -39.5297, 32.2894

Complementary

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



188.6300, 30.7484, -109.3005



126.3700, -30.7484, 109.3005

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.



210.5000, -28.3475, 39.0265



188.6300, 30.7484, -109.3005



212.0060, 7.8850, 37.7057

Square

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



188.6300, 30.7484, -109.3005



216.6140, 18.9243, -3.1695



208.3920, -11.0393, 40.8752



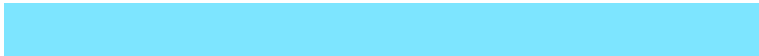
211.9390, -34.4799, -0.8235

Rectangle

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



188.6300, 30.7484, -109.3005



200.8680, 26.6871, -66.5362



208.3920, -11.0393, 40.8752



214.8880, -36.9198, 35.1782

Sweetspot

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



188.6300, 30.7484, -109.3005



236.4950, 9.1230, -32.8831



174.7950, -50.1849, -97.1672



116.6600, 5.5906, -19.8728



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.



188.6300, 30.7484, -109.3005



179.4960, 37.2235, -132.8620



134.6260, 57.3724, -61.9390



120.5260, 2.2057, -7.4773



126.0320, 31.0432, -110.5301



41.0000, 9.8600, -35.9570

Inverse Universe

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



139.9770, 49.3113, 97.3672



120.2690, 60.0134, 118.1591



180.3740, -57.3724, 61.9390



117.2550, 3.3253, 6.7924



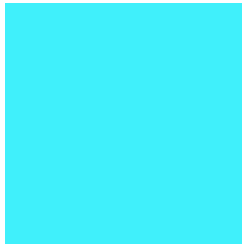
76.8030, 49.8901, 98.3968



24.8510, 16.3425, 31.7027

Previews

White Background



This preview shows how the YUV color 188.6300, 30.7484, -109.3005 looks on a white background.

Color Contrast Check

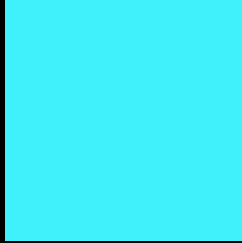
Large Text (above 18pt) WCAG AA × Fail

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 188.6300, 30.7484, -109.3005 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 188.6300, 30.7484, -109.3005 Background



This preview shows how black text looks on a background with the YUV color 188.6300, 30.7484, -109.3005.



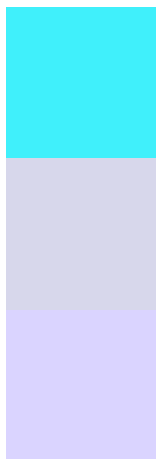
This preview shows how white text looks on a background with the YUV color 188.6300, 30.7484, -109.3005.

-109.3005.

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

188.6300, 30.7484, -109.3005

Protanopia

217.2800, 8.7360, -1.9996

Deuteranopia

218.6960, 17.8979, -0.6104



Tritanopia

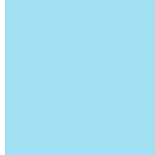
196.2950, 28.9416, -89.7127

Trichromacy



Original Color

188.6300, 30.7484, -109.3005



Protanomaly

206.8020, 16.8596, -41.0454



Deuteranomaly

207.7080, 22.8220, -40.0859



Tritanomaly

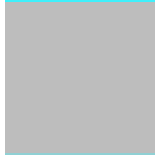
193.4790, 29.8369, -96.8901

Monochromacy



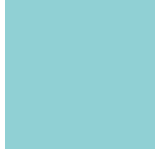
Original Color

188.6300, 30.7484, -109.3005



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.3200, 11.1812, -39.7456

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6300, 30.7484, -109.3005 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(64, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(64, 240, 251)  
}
```

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(64, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 240, 251) }
```

Border

The CSS property to change the border of an element to YUV 188.6300, 30.7484, -109.3005 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(64, 240, 251) }
```


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

```
.border{ border-color:rgb(64, 240, 251) }
```

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

Here you see how a box with a 4 pixel rgb(64, 240, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(64, 240,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 188.6300, 30.7484, -109.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 240, 251) }
```

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

```
.background{ background-color: rgb(64, 240,  
251) }
```

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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