

Converting Colors

YUV(189.9460, -1.9454,
-76.2516)

Have a look what the booklet for
YUV(189.9460, -1.9454, -76.2516)
contains.

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Color

**YUV(189.9460, -1.9454,
-76.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	67EBBA
RGB	103, 235, 186
RGB Percent	40%, 92%, 73%
CMY	0.5961, 0.0784, 0.2706
CMYK	0.56, 0.00, 0.21, 0.08
HSL	158°, 77%, 66%
HSV	158°, 56%, 92%
XYZ	44.1648, 65.8454, 56.8361
YIQ	189.9460, -62.9430, -43.2230

Conversions

Conversions Part 2

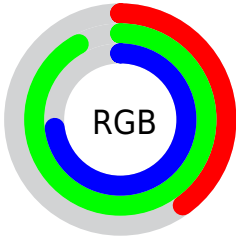
Format	Color
RYB	103, 184, 235
Decimal	6810554
CIELab	84.92, -47.72, 12.96
CIELCh	85, 49.446, 164.803
Yxy	65.8454, 0.2647, 0.3946
Android (android.graphics.Color)	4285000634 (0xFF67EBBA)
YUV	189.9460, -1.9454, -76.2516
Hunter-Lab	81.1452, -44.8521, 15.2734

Details

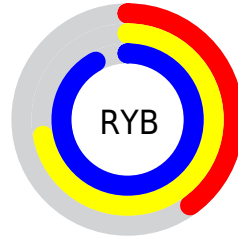
The YUV color **189.9460, -1.9454, -76.2516** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **148.0540, 1.9454, 76.2516**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0100, 7.8831, -55.2598**, and **128.6180, 2.1603, -86.4880** is the 20% darker color. If you saturate the color by 10%, you get **181.7440, -2.3388, -90.1065**, and if you desaturate by 10%, it is **198.1480, -1.5520, -62.3968**.

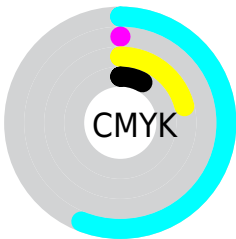
Distribution



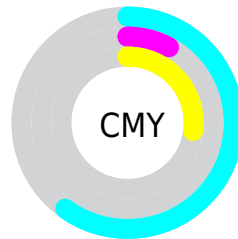
- Red (40%)
- Green (92%)
- Blue (73%)



- Red (40%)
- Yellow (72%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (60%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9460, -1.9454, -76.2516 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 189.9460, -1.9454, -76.2516 by changing the saturation by 10% instead.


 189.9460, -1.9454,
-76.2516

 189.9460, -1.9454,
-76.2516


255.0000, 0.0000,
0.0000


 160.2770, -0.6296,
-78.2959

 226.0100, 7.8831,
-55.2598

 128.6180, 2.1603,
-86.4880


 236.4620, 9.1392,
-38.1162


 100.9490, 3.4761,
-88.5323


 245.4320, 4.7170,
-19.6729

 82.2500, 0.3698,
-72.1333

254.4020, 0.2948,
-1.2296

 64.9530, -2.4418,
-56.9638

 47.7700, -4.8166,
-41.8943

 31.2880, -7.0440,

-27.4396

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 189.9460, -1.9454,
-76.2516

■ 189.9460, -1.9454,
-76.2516

■ 181.7440, -2.3388,
-90.1065

■ 198.1480, -1.5520,
-62.3968

■ 173.9550, -2.4428,
-103.4465

■ 205.9370, -1.4479,
-49.0567


■ 166.0520, -2.9836,
-116.6866


■ 214.1390, -1.0545,
-35.2019

■ 157.8500, -3.3770,
-130.5414

■ 222.0420, -0.5137,
-21.9618

 154.8170, -3.3608,
-135.7745

 230.2440, -0.1203,
-8.1070

 238.0330, -0.0163,
5.2331

 242.3480, 2.2934,
11.0958

 243.2600, 5.7878,
10.2960

Harmonies

Analogous

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



200.1850, -27.6992, -29.1032



189.9460, -1.9454, -76.2516



165.7950, 33.6251, -145.4022

Triad

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



189.9460, -1.9454, -76.2516



205.5730, 24.3675, -22.4275



201.7120, -26.4800, 46.7336

Complementary

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



189.9460, -1.9454, -76.2516



148.0540, 1.9454, 76.2516

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.



200.6300, -5.2406, 47.6825



189.9460, -1.9454, -76.2516



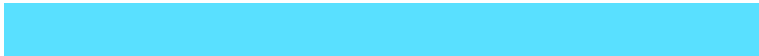
214.7410, 19.8477, 27.4141

Square

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



189.9460, -1.9454, -76.2516



187.1690, 33.4407, -86.0942



207.8630, 14.8575, 41.3391



208.1400, -42.4670, 41.0962

Rectangle

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



189.9460, -1.9454, -76.2516



167.0150, 43.3766, -146.4722



207.8630, 14.8575, 41.3391



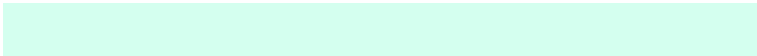
200.8460, -19.6441, 47.4931

Sweetspot

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



189.9460, -1.9454, -76.2516



240.3190, -0.6503, -24.8358



195.7330, -45.7174, -36.5998



119.0860, -0.5354, -14.9844



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.



189.9460, -1.9454, -76.2516



196.6890, -2.3117, -98.8283



186.7270, 23.7986, -73.4286



113.2550, -0.1257, -6.3626



119.2430, -2.5848, -104.5761



35.5740, -0.7760, -31.1984

Inverse Universe

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



148.0540, 1.9454, 76.2516



142.4250, 2.7485, 98.7283



151.2730, -23.7986, 73.4286



109.7450, 0.1257, 6.3626



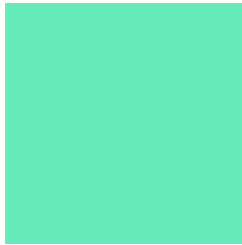
61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 189.9460, -1.9454, -76.2516 looks on a white background.

Color Contrast Check

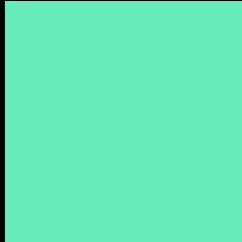
Large Text (above 18pt) WCAG AA × Fail

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 189.9460, -1.9454, -76.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

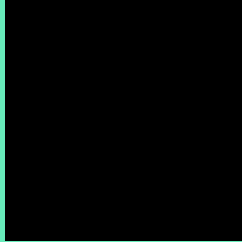
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9460, -1.9454, -76.2516

Background



This preview shows how black text looks on a background with the YUV color 189.9460, -1.9454, -76.2516.



This preview shows how white text looks on a background with the YUV color 189.9460, -1.9454,

-76.2516.

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

189.9460, -1.9454, -76.2516

Protanopia

209.7830, -17.6410, 11.5913

Deuteranopia

212.0260, -9.3798, 21.9022



Tritanopia

197.6570, 23.3401, -66.3512

Trichromacy



Original Color

189.9460, -1.9454, -76.2516



Protanomaly

202.3660, -12.0124, -20.4920



Deuteranomaly

204.0770, -6.9400, -14.0995



Tritanomaly

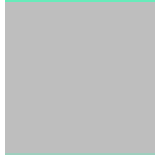
194.9310, 14.3310, -70.0995

Monochromacy



Original Color

189.9460, -1.9454, -76.2516



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.7100, -0.3500, -27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9460, -1.9454, -76.2516 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(103, 235, 186)` looks like.

```
.text, #text, p{  
    color:rgb(103, 235, 186)  
}
```

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(103, 235, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 235, 186) }
```

Border

The CSS property to change the border of an element to YUV 189.9460, -1.9454, -76.2516 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(103, 235, 186) }
```


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

```
.border{ border-color:rgb(103, 235, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 235, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 235, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 235, 186);  
box-shadow:4px 4px 4px 4px rgb(103, 235,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 189.9460, -1.9454, -76.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 235, 186) }
```

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

```
.background{ background-color: rgb(103,  
235, 186) }
```

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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