

Converting Colors

YUV(188.6470, -18.5600,
-67.2194)

Have a look what the booklet for
YUV(188.6470, -18.5600, -67.2194)
contains.

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Color

**YUV(188.6470, -18.5600,
-67.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	70EB97
RGB	112, 235, 151
RGB Percent	44%, 92%, 59%
CMY	0.5608, 0.0784, 0.4078
CMYK	0.52, 0.00, 0.36, 0.08
HSL	139°, 75%, 68%
HSV	139°, 52%, 92%
XYZ	41.9763, 65.0958, 39.6305
YIQ	188.6470, -46.3440, -52.2000

Conversions

Conversions Part 2

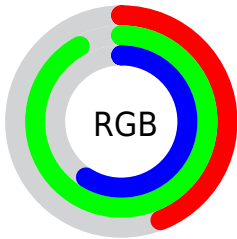
Format	Color
RYB	112, 205, 235
Decimal	7400343
CIELab	84.53, -52.57, 30.54
CIELCh	85, 60.791, 149.848
Yxy	65.0958, 0.2861, 0.4437
Android (android.graphics.Color)	4285590423 (0xFF70EB97)
YUV	188.6470, -18.5600, -67.2194
Hunter-Lab	80.6820, -48.3254, 27.3545

Details

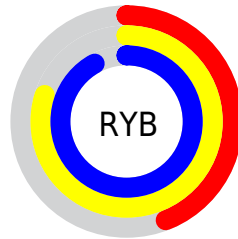
The YUV color **188.6470, -18.5600, -67.2194** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **158.3530, 18.5600, 67.2194**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2980, -9.0209, -46.7423**, and **130.1240, -15.3441, -72.0227** is the 20% darker color. If you saturate the color by 10%, you get **179.9460, -22.1584, -79.7596**, and if you desaturate by 10%, it is **197.6470, -15.1090, -54.0644**.

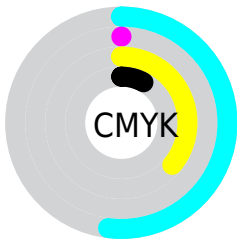
Distribution



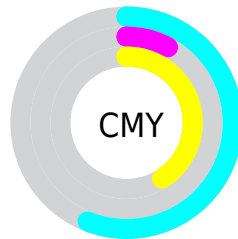
- Red (44%)
- Green (92%)
- Blue (59%)



- Red (44%)
- Yellow (80%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6470, -18.5600, -67.2194 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 188.6470, -18.5600, -67.2194 by changing the saturation by 10% instead.

■ 188.6470,
-18.5600, -67.2194

■ 188.6470,
-18.5600, -67.2194

255.0000, 0.0000,
0.0000

■ 159.6900,
-17.1022, -68.1341

■ 224.2980, -9.0209,
-46.7423

■ 130.1240,
-15.3441, -72.0227

■ 236.1610, -1.0654,
-31.7132

■ 97.1870, -10.9382,
-85.2330

■ 247.5250, 3.6852,
-15.3694

■ 78.6020, -13.6078,
-68.9340

■ 60.6040, -16.5668,
-53.1497

■ 43.1930, -19.8151,
-37.8803

■ 29.3500, -14.4695,

-25.7399

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 188.6470,
-18.5600, -67.2194

■ 188.6470,
-18.5600, -67.2194

■ 179.9460,
-22.1584, -79.7596

■ 197.6470,
-15.1090, -54.0644

■ 170.9460,
-25.6094, -92.9146


■ 206.3480,
-11.5106, -41.5242


■ 162.2450,
-29.2078, -105.4549


■ 215.3480, -8.0596,
-28.3692

■ 153.2450,
-32.6588, -118.6099

■ 224.0490, -4.4612,
-15.8290

 146.4950,
-35.2470, -128.4761

 233.0490, -1.0102,
-2.6740

 241.7500, 2.5882,
9.8663

 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.



199.5990, -45.6513, -11.0493



188.6470, -18.5600, -67.2194



164.7060, 21.8369, -144.4472

Triad

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



188.6470, -18.5600, -67.2194



186.6480, 33.6975, -75.1133



192.7590, -17.6292, 54.5854

Complementary

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



188.6470, -18.5600, -67.2194



158.3530, 18.5600, 67.2194

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.



195.7350, 9.0046, 51.9754



188.6470, -18.5600, -67.2194



208.1080, 23.1178, 5.1673

Square

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



188.6470, -18.5600, -67.2194



165.2540, 44.2448, -144.9278



207.4530, 23.4407, 41.6987



198.7820, -42.7835, 49.3032

Rectangle

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



188.6470, -18.5600, -67.2194



169.1520, 38.8721, -148.3463



207.4530, 23.4407, 41.6987



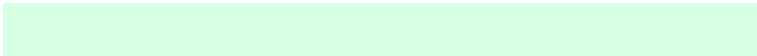
192.4630, -8.6093, 54.8449

Sweetspot

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



188.6470, -18.5600, -67.2194



239.5490, -6.1867, -22.4065



209.3170, -47.9773, -11.6790



118.5870, -3.7404, -13.6698



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.



188.6470, -18.5600, -67.2194



194.3210, -24.3153, -87.9815



195.6010, 8.0847, -73.3181



112.7990, -1.8729, -5.9627



112.7450, -27.4823, -98.8774



33.6360, -8.2015, -29.4988

Inverse Universe

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



158.3530, 18.5600, 67.2194



154.6790, 24.3153, 87.9815



151.3990, -8.0847, 73.3181



110.2010, 1.8729, 5.9627



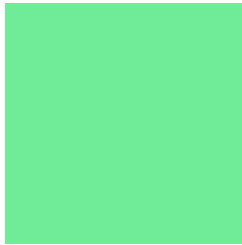
68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 188.6470, -18.5600, -67.2194 looks on a white background.

Color Contrast Check

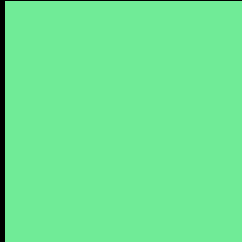
Large Text (above 18pt) WCAG AA × Fail

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 188.6470, -18.5600, -67.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

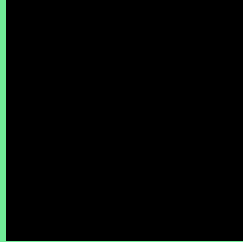
Any Text WCAG AA ✓ Pass

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 188.6470, -18.5600, -67.2194 Background



This preview shows how black text looks on a background with the YUV color 188.6470, -18.5600, -67.2194.



This preview shows how white text looks on a background with the YUV color 188.6470, -18.5600, -67.2194.

-67.2194.

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

188.6470, -18.5600, -67.2194

Protanopia

206.5160, -32.7924, 17.9645

Deuteranopia

209.6670, -24.9788, 31.8640



Tritanopia

199.4410, 20.9816, -56.5148

Trichromacy



Original Color

188.6470, -18.5600, -67.2194



Protanomaly

199.6970, -27.4586, -12.8893



Deuteranomaly

201.7180, -22.5390, -4.1377



Tritanomaly

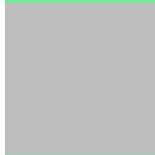
195.6350, 6.5889, -60.1929

Monochromacy



Original Color

188.6470, -18.5600, -67.2194



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.0110, -6.9074, -24.5656

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6470, -18.5600, -67.2194 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(112, 235, 151)` looks like.

```
.text, #text, p{  
    color:rgb(112, 235, 151)  
}
```

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(112, 235, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 235, 151) }
```

Border

The CSS property to change the border of an element to YUV 188.6470, -18.5600, -67.2194 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(112, 235, 151) }
```


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

```
.border{ border-color:rgb(112, 235, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 235, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 235, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 235, 151);  
box-shadow:4px 4px 4px 4px rgb(112, 235,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 188.6470, -18.5600, -67.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 235, 151) }
```

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

```
.background{ background-color: rgb(112,  
235, 151) }
```

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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