

Converting Colors

YUV(188.2190, -63.2120,
-72.1061)

Have a look what the booklet for
YUV(188.2190, -63.2120, -72.1061)
contains.

YUV(188.2190, -63.2120, -72.1061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.2190, -63.2120,
-72.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFF3C
RGB	106, 255, 60
RGB Percent	42%, 100%, 24%
CMY	0.5843, 0.0000, 0.7647
CMYK	0.58, 0.00, 0.76, 0.00
HSL	106°, 100%, 62%
HSV	106°, 76%, 100%
XYZ	42.5195, 74.9104, 16.4931
YIQ	188.2190, -26.2090, -92.2330

Conversions

Conversions Part 2

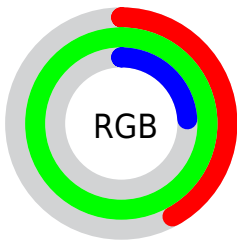
Format	Color
RYB	60, 255, 209
Decimal	7012156
CIELab	89.35, -71.70, 75.03
CIELCh	89, 103.776, 133.700
Yxy	74.9104, 0.3175, 0.5594
Android (android.graphics.Color)	4285202236 (0xFF6AFF3C)
YUV	188.2190, -63.2120, -72.1061
Hunter-Lab	86.5508, -63.7729, 49.2873

Details

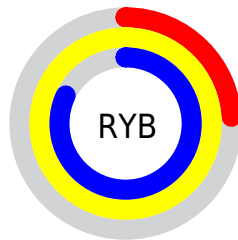
The YUV color $188.2190, -63.2120, -72.1061$ is a dark color, and the websafe version is hex $66FF33$. The color can be described as middle washed chartreuse. A complement of this color would be $126.7810, 63.2120, 72.1061$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.6080, -46.1487, -38.2442$, and $118.0310, -58.1893, -96.4972$ is the 20% darker color. If you saturate the color by 10%, you get $179.5740, -71.7680, -81.1874$, and if you desaturate by 10%, it is $196.8640, -54.6560, -63.0247$.

Distribution



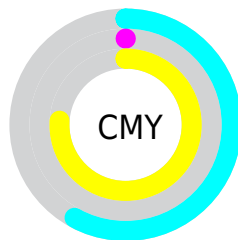
- Red (42%)
- Green (100%)
- Blue (24%)



- Red (24%)
- Yellow (100%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2190, -63.2120, -72.1061 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 188.2190, -63.2120, -72.1061 by changing the saturation by 10% instead.

188.2190,
-63.2120, -72.1061

188.2190,
-63.2120, -72.1061

255.0000, 0.0000,
0.0000

155.3450,
-67.7111, -75.7246

214.6080,
-46.1487, -38.2442

118.0310,
-58.1893, -96.4972

227.1830,
-38.0512, -22.0855

99.2030, -48.9071,
-87.0010

239.7580,
-29.9537, -5.9268

82.7670, -40.8041,
-72.5867

249.6420,
-20.5295, 4.6990

66.9180, -32.9906,
-58.6871

253.0620, -7.4256,
1.6996

51.6560, -25.4664,
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 188.2190,
-63.2120, -72.1061

■ 188.2190,
-63.2120, -72.1061

■ 179.5740,
-71.7680, -81.1874

■ 196.8640,
-54.6560, -63.0247

■ 170.7440,
-79.7398, -90.9835

■ 205.6940,
-46.6841, -53.2286

■ 167.6250,
-82.6391, -94.3871

■ 214.3390,
-38.1281, -44.1473

■ 223.1690,
-30.1563, -34.3512

■ 231.8140,
-21.6003, -25.2699

■ 240.6440,
-13.6285, -15.4738

■ 249.2890, -5.0725,
-6.3925

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



205.2310, -101.1789, 19.0914



188.2190, -63.2120, -72.1061



168.4950, -1.7230, -147.7701

Triad

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



188.2190, -63.2120, -72.1061



176.4070, 38.7463, -154.7089



164.1390, 9.7915, 79.6851

Complementary

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



188.2190, -63.2120, -72.1061



126.7810, 63.2120, 72.1061

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.



179.2770, 37.3314, 66.4091



188.2190, -63.2120, -72.1061



171.0560, 41.3844, -114.0591

Square

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



188.2190, -63.2120, -72.1061



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



176.9030, -42.8432, 68.4911

Rectangle

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



188.2190, -63.2120, -72.1061



176.3610, 28.4160, -154.6686



208.0400, 23.1513, 41.1839



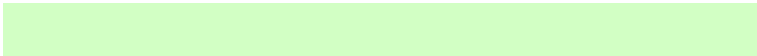
166.1400, 25.0740, 77.9302

Sweetspot

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



188.2190, -63.2120, -72.1061



234.8190, -19.1378, -21.7663



204.0070, -70.9955, 44.7209



115.5240, -11.5973, -13.6145



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.



188.2190, -63.2120, -72.1061



174.6890, -76.2617, -86.5503



180.0510, -35.0281, -105.2847



123.5280, -4.2043, -4.8481



125.5720, -61.9070, -70.6616



42.0530, -20.7321, -23.7255

Inverse Universe

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



126.7810, 63.2120, 72.1061



100.6100, 76.1143, 87.1650



134.9490, 35.0281, 105.2847



119.1730, 4.3517, 4.2333



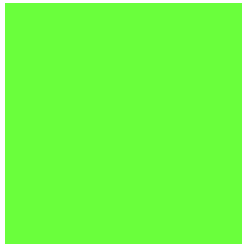
65.4280, 61.9070, 70.6616



21.9470, 20.7321, 23.7255

Previews

White Background



This preview shows how the YUV color 188.2190, -63.2120, -72.1061 looks on a white background.

Color Contrast Check

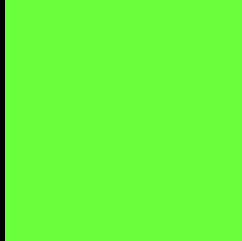
Large Text (above 18pt) WCAG AA × Fail

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 188.2190, -63.2120, -72.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

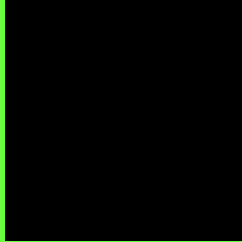
Any Text WCAG AA ✓ Pass

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 188.2190, -63.2120, -72.1061 Background



This preview shows how black text looks on a background with the YUV color 188.2190, -63.2120, -72.1061.



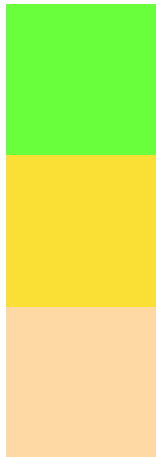
This preview shows how white text looks on a background with the YUV color 188.2190, -63.2120, -72.1061.

-72.1061.

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

188.2190, -63.2120, -72.1061

Protanopia

211.5790, -78.6724, 33.6952

Deuteranopia

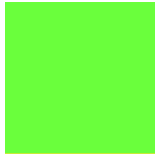
222.2060, -29.1886, 28.7603



Tritanopia

213.3380, 20.5394, -54.6704

Trichromacy



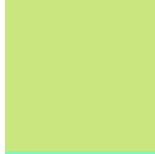
Original Color

188.2190, -63.2120, -72.1061



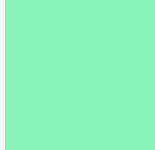
Protanomaly

203.4170, -73.1696, -4.7507



Deuteranomaly

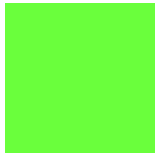
210.0600, -41.4416, -7.9456



Tritanomaly

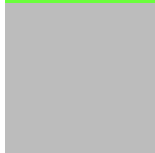
204.5690, -10.1405, -61.0120

Monochromacy



Original Color

188.2190, -63.2120, -72.1061



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7600, -23.0527, -26.0995

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2190, -63.2120, -72.1061 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(106, 255, 60)` looks like.

```
.text, #text, p{  
    color:rgb(106, 255, 60)  
}
```

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(106, 255, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 255, 60) }
```

Border

The CSS property to change the border of an element to YUV 188.2190, -63.2120, -72.1061 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(106, 255, 60) }
```


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

```
.border{ border-color:rgb(106, 255, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 255, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 255, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 255, 60);  
box-shadow:4px 4px 4px 4px rgb(106, 255,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 188.2190, -63.2120, -72.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 255, 60) }
```

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

```
.background{ background-color: rgb(106,  
255, 60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor