

Converting Colors

YUV(114.6780, -8.7153,
-51.4606)

Have a look what the booklet for
YUV(114.6780, -8.7153, -51.4606)
contains.

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Color

**YUV(114.6780, -8.7153,
-51.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	389461
RGB	56, 148, 97
RGB Percent	22%, 58%, 38%
CMY	0.7804, 0.4196, 0.6196
CMYK	0.62, 0.00, 0.34, 0.42
HSL	147°, 45%, 40%
HSV	147°, 62%, 58%
XYZ	14.3785, 22.8836, 14.9684
YIQ	114.6780, -38.4610, -35.3650

Conversions

Conversions Part 2

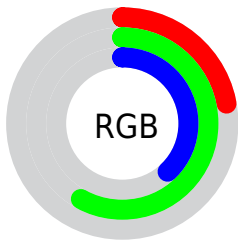
Format	Color
RYB	56, 120, 148
Decimal	3708001
CIELab	54.95, -39.41, 19.11
CIELCh	55, 43.801, 154.132
Yxy	22.8836, 0.2753, 0.4381
Android (android.graphics.Color)	4281898081 (0xFF389461)
YUV	114.6780, -8.7153, -51.4606
Hunter-Lab	47.8368, -30.0622, 14.9336

Details

The YUV color **114.6780, -8.7153, -51.4606** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **89.3220, 8.7153, 51.4606**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5210, -10.6099, -50.4459**, and **62.0520, -5.9416, -54.4196** is the 20% darker color. If you saturate the color by 10%, you get **109.2810, -9.9985, -59.8824**, and if you desaturate by 10%, it is **120.0750, -7.4320, -43.0388**.

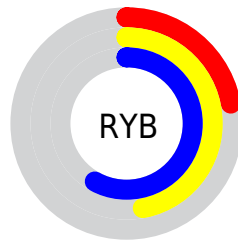
Distribution



Red (22%)

Green (58%)

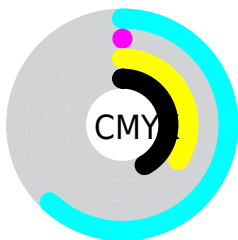
Blue (38%)



Red (22%)

Yellow (47%)

Blue (58%)

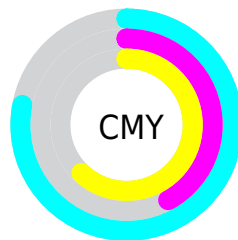


Cyan (62%)

Magenta (0%)

Yellow (34%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.6780, -8.7153, -51.4606 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 114.6780, -8.7153, -51.4606 by changing the saturation by 10% instead.


 114.6780, -8.7153,
-51.4606


 114.6780, -8.7153,
-51.4606


255.0000, 0.0000,
0.0000

 86.5140, -6.6624,
-56.5788


 169.5210,
-10.6099, -50.4459

 62.0520, -5.9416,
-54.4196


 197.4070,
-11.0467, -50.3459

 45.4560, -8.6058,
-39.8649


 222.9450,
-10.3259, -48.1868

 28.7460, -11.7068,
-25.2102

 234.5090, -2.2229,
-33.7724

 15.2620, -7.5242,
-13.3848

 246.0300, 4.4222,
-18.4433

 0.0000, 0.0000,
0.0000

■ 114.6780, -8.7153,
-51.4606

■ 114.6780, -8.7153,
-51.4606

■ 109.2810, -9.9985,
-59.8824

■ 120.0750, -7.4320,
-43.0388

■ 103.8840,
-11.2818, -68.3043

■ 125.4720, -6.1487,
-34.6169

■ 98.6720, -13.1493,
-76.0113

■ 130.6840, -4.2812,
-26.9099

■ 94.4000, -14.0012,
-82.7888

■ 136.0810, -2.9979,
-18.4880

■ 141.4780, -1.7147,
-10.0662

■ 146.8750, -0.4314,
-1.6444

■ 152.2720, 0.8519,
6.7775

■ 157.4840, 2.7194,

14.4845

■ 162.8810, 4.0027,
22.9064

Harmonies

Analogous

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



123.4690, -28.3322, -12.6893



114.6780, -8.7153, -51.4606



104.1410, 15.7065, -91.3317

Triad

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



114.6780, -8.7153, -51.4606



123.7840, 41.0255, -45.4146



130.9230, -19.6820, 59.7035

Complementary

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



114.6780, -8.7153, -51.4606



89.3220, 8.7153, 51.4606

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.



132.8040, -2.3684, 59.8079



114.6780, -8.7153, -51.4606



134.1280, 29.5169, 6.0267

Square

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



114.6780, -8.7153, -51.4606



107.2140, 45.2505, -94.0267



134.8630, 14.8575, 41.3391



130.2680, -33.1631, 43.6150

Rectangle

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



114.6780, -8.7153, -51.4606



106.4040, 26.9158, -93.3163



134.8630, 14.8575, 41.3391



131.4270, -14.0145, 61.8925

Sweetspot

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



114.6780, -8.7153, -51.4606



177.9560, -3.4293, -20.1324



125.5520, -34.2891, -15.3931



89.0540, -1.9986, -12.3254



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.6780, -8.7153, -51.4606



139.2370, -13.4278, -80.0148



119.8080, 10.9407, -55.9596



71.4510, -0.7153, -3.9035



87.9600, -13.2913, -77.1409



6.4400, -0.7099, -5.6479

Inverse Universe

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



89.3220, 8.7153, 51.4606



99.7630, 13.4278, 80.0148



84.1920, -10.9407, 55.9596



69.5490, 0.7153, 3.9035



49.9260, 12.8545, 77.2409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 114.6780, -8.7153, -51.4606 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6780, -8.7153, -51.4606 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 × Fail

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

YUV 114.6780, -8.7153, -51.4606

Background



This preview shows how black text looks on a background with the YUV color 114.6780, -8.7153, -51.4606.



This preview shows how white text looks on a background with the YUV color 114.6780, -8.7153,

-51.4606.

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

114.6780, -8.7153, -51.4606

Protanopia

129.3160, -19.3828, 10.2469

Deuteranopia

130.7500, -14.1738, 19.5132



Tritanopia

122.3350, 15.1178, -42.3898

Trichromacy



Original Color

114.6780, -8.7153, -51.4606

Protanomaly

123.9110, -15.2391, -12.1999

Deuteranomaly

124.7530, -12.2032, -5.9224

Tritanomaly

119.7230, 6.5456, -46.2381

Monochromacy



Original Color

114.6780, -8.7153, -51.4606

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9670, -3.4347, -18.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6780, -8.7153, -51.4606 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(56, 148, 97)` looks like.

```
.text, #text, p{  
    color:rgb(56, 148, 97)  
}
```

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(56, 148, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 148, 97) }
```

Border

The CSS property to change the border of an element to YUV 114.6780, -8.7153, -51.4606 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(56, 148, 97) }
```


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

```
.border{ border-color:rgb(56, 148, 97) }
```

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

Here you see how a box with a 4 pixel rgb(56, 148, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 148, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 148, 97);  
box-shadow:4px 4px 4px 4px rgb(56, 148,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 114.6780, -8.7153, -51.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 148, 97) }
```

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

```
.background{ background-color: rgb(56, 148,  
97) }
```

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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