

Converting Colors

YUV(151.9780, -30.5552,
-46.4617)

Have a look what the booklet for
YUV(151.9780, -30.5552, -46.4617)
contains.

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Color

**YUV(151.9780, -30.5552,
-46.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	63BF5A
RGB	99, 191, 90
RGB Percent	39%, 75%, 35%
CMY	0.6118, 0.2510, 0.6471
CMYK	0.48, 0.00, 0.53, 0.25
HSL	115°, 44%, 55%
HSV	115°, 53%, 75%
XYZ	25.6219, 40.6524, 16.1692
YIQ	151.9780, -22.4110, -50.9150

Conversions

Conversions Part 2

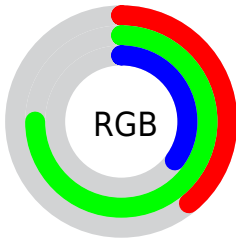
Format	Color
RYB	90, 191, 182
Decimal	6537050
CIELab	69.93, -47.40, 42.25
CIELCh	70, 63.496, 138.290
Yxy	40.6524, 0.3108, 0.4931
Android (android.graphics.Color)	4284727130 (0xFF63BF5A)
YUV	151.9780, -30.5552, -46.4617
Hunter-Lab	63.7593, -39.8479, 29.5957

Details

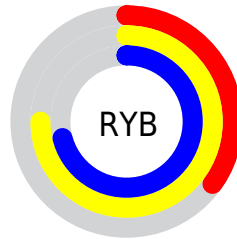
The YUV color **151.9780, -30.5552, -46.4617** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **129.0220, 30.5552, 46.4617**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1090, -32.5917, -46.5766**, and **96.5260, -28.3603, -50.4503** is the 20% darker color. If you saturate the color by 10%, you get **144.7290, -36.3484, -55.0133**, and if you desaturate by 10%, it is **159.2270, -24.7619, -37.9101**.

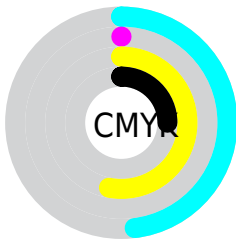
Distribution



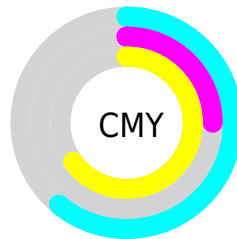
- Red (39%)
- Green (75%)
- Blue (35%)



- Red (35%)
- Yellow (75%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (53%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9780, -30.5552, -46.4617 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 151.9780, -30.5552, -46.4617 by changing the saturation by 10% instead.

■ 151.9780,
-30.5552, -46.4617

■ 151.9780,
-30.5552, -46.4617

■ 255.0000, 0.0000,
0.0000

■ 124.0210,
-29.0974, -47.3764

■ 208.1090,
-32.5917, -46.5766

■ 96.5260, -28.3603,
-50.4503

■ 223.9670,
-27.0987, -35.0511

■ 66.2970, -27.7544,
-58.1425

■ 235.8300,
-19.1432, -20.0219

■ 49.8950, -24.5982,
-43.7579

■ 248.1060,
-10.8983, -4.4780

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,

0.0000

■ 151.9780,
-30.5552, -46.4617

■ 151.9780,
-30.5552, -46.4617

■ 144.7290,
-36.3484, -55.0133

■ 159.2270,
-24.7619, -37.9101

■ 137.1810,
-41.9942, -64.1797

■ 166.7750,
-19.1161, -28.7437

■ 129.9320,
-47.7875, -72.7314

■ 174.0240,
-13.3228, -20.1920

■ 122.3840,
-53.4333, -81.8978

■ 181.5720, -7.6770,
-11.0256

■ 117.2000,
-57.7796, -87.8754

■ 188.9350, -1.4470,
-2.5740

■ 196.1840, 4.3463,
5.9776

■ 203.7320, 9.9921,
15.1440

■ 210.9810, 15.7854,
23.6957

■ 217.4320, 18.5210,
32.9471

Harmonies

Analogous

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



161.1190, -54.2887, 6.0346



151.9780, -30.5552, -46.4617



132.2830, 6.7625, -116.0122

Triad

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



151.9780, -30.5552, -46.4617



137.0780, 58.1355, -120.2174



161.8300, -11.7482, 81.7101

Complementary

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



151.9780, -30.5552, -46.4617



129.0220, 30.5552, 46.4617

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.



169.6160, 13.0073, 74.8818



151.9780, -30.5552, -46.4617



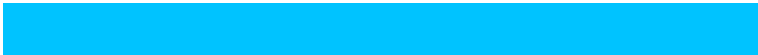
165.0940, 44.3237, -29.9004

Square

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



151.9780, -30.5552, -46.4617



143.5350, 54.9522, -125.8802



175.6340, 35.6764, 37.1550



166.4680, -39.6707, 77.6426

Rectangle

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



151.9780, -30.5552, -46.4617



138.0170, 23.6556, -121.0409



175.6340, 35.6764, 37.1550



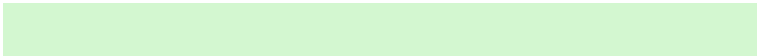
162.8220, -2.8702, 80.8401

Sweetspot

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



151.9780, -30.5552, -46.4617



231.7900, -11.7285, -18.2328



173.6160, -41.2227, 15.2458



115.6860, -7.2402, -11.1256



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.9780, -30.5552, -46.4617



186.8720, -46.7719, -71.8017



153.8470, -11.7566, -55.9938



90.5820, -2.7519, -4.0184



96.9320, -47.7875, -72.7314



19.0940, -9.4133, -14.1144

Inverse Universe

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



129.0220, 30.5552, 46.4617



151.8290, 46.9193, 71.1870



127.1530, 11.7566, 55.9938



88.7170, 2.6045, 4.6332



61.0680, 47.7875, 72.7314



11.9060, 9.4133, 14.1144

Previews

White Background



This preview shows how the YUV color 151.9780, -30.5552, -46.4617 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 151.9780, -30.5552, -46.4617 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 151.9780, -30.5552, -46.4617 Background



This preview shows how black text looks on a background with the YUV color 151.9780, -30.5552, -46.4617.



This preview shows how white text looks on a background with the YUV color 151.9780, -30.5552, -46.4617.

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

151.9780, -30.5552, -46.4617

Protanopia

165.4640, -40.6548, 19.7641

Deuteranopia

168.1590, -34.5884, 34.0636



Tritanopia

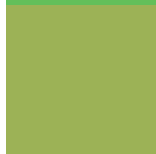
163.6560, 14.9596, -38.2863

Trichromacy



Original Color

151.9780, -30.5552, -46.4617



Protanomaly

160.9340, -36.9425, -4.3271



Deuteranomaly

162.6130, -33.3332, 4.7244



Tritanomaly

159.2800, -1.6170, -41.4646

Monochromacy



Original Color

151.9780, -30.5552, -46.4617



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9150, -11.2971, -16.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9780, -30.5552, -46.4617 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(99, 191, 90)` looks like.

```
.text, #text, p{  
    color:rgb(99, 191, 90)  
}
```

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(99, 191, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 191, 90) }
```

Border

The CSS property to change the border of an element to YUV 151.9780, -30.5552, -46.4617 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(99, 191, 90) }
```


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

```
.border{ border-color:rgb(99, 191, 90) }
```

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

Here you see how a box with a 4 pixel rgb(99, 191, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 191, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 191, 90);  
box-shadow:4px 4px 4px 4px rgb(99, 191,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 151.9780, -30.5552, -46.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 191, 90) }
```

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

```
.background{ background-color: rgb(99, 191,  
90) }
```

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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