

Converting Colors

YUV(127.0680, -33.5575,
-16.7226)

Have a look what the booklet for
YUV(127.0680, -33.5575, -16.7226)
contains.

YUV(127.0680, -33.5575, -16.7226)	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(127.0680, -33.5575,
-16.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	6C963B
RGB	108, 150, 59
RGB Percent	42%, 59%, 23%
CMY	0.5765, 0.4118, 0.7686
CMYK	0.28, 0.00, 0.61, 0.41
HSL	88°, 44%, 41%
HSV	88°, 61%, 59%
XYZ	17.8801, 25.3166, 8.0819
YIQ	127.0680, 4.1790, -37.2050

Conversions

Conversions Part 2

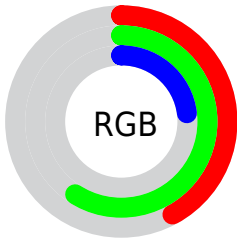
Format	Color
RYB	59, 150, 101
Decimal	7116347
CIELab	57.38, -29.81, 42.47
CIELCh	57, 51.888, 125.067
Yxy	25.3166, 0.3487, 0.4937
Android (android.graphics.Color)	4285306427 (0xFF6C963B)
YUV	127.0680, -33.5575, -16.7226
Hunter-Lab	50.3156, -24.6207, 25.6975

Details

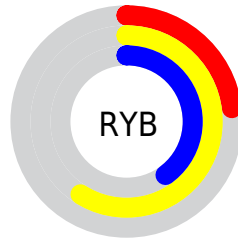
The YUV color $127.0680, -33.5575, -16.7226$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $81.9320, 33.5575, 16.7226$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.7260, -34.8679, -16.4227$, and $75.1990, -35.5941, -16.8375$ is the 20% darker color. If you saturate the color by 10%, you get $123.2650, -39.0776, -19.5264$, and if you desaturate by 10%, it is $130.8710, -28.0374, -13.9189$.

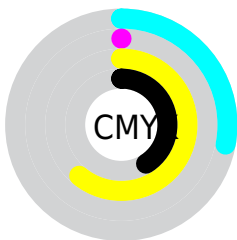
Distribution



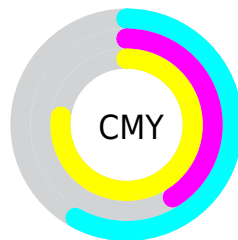
- Red (42%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (40%)



- Cyan (28%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0680, -33.5575, -16.7226 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 127.0680, -33.5575, -16.7226 by changing the saturation by 10% instead.

■ 127.0680,
-33.5575, -16.7226

■ 127.0680,
-33.5575, -16.7226

■ 255.0000, 0.0000,
0.0000

■ 101.1820,
-33.1207, -16.8226

■ 180.7260,
-34.8679, -16.4227

■ 75.1990, -35.5941,
-16.8375

■ 209.0850,
-36.0309, -16.7375

■ 53.2940, -26.2739,
-19.5518

■ 233.4490,
-34.7314, -13.5488

■ 30.5240, -15.0483,
-26.7695

■ 245.3120,
-26.7758, 1.4804

■ 19.3710, -9.5499,
-16.9884

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 127.0680,
-33.5575, -16.7226

■ 127.0680,
-33.5575, -16.7226

■ 123.2650,
-39.0776, -19.5264

■ 130.8710,
-28.0374, -13.9189

■ 119.4620,
-44.5978, -22.3302

■ 134.6740,
-22.5173, -11.1151

■ 115.6590,
-50.1179, -25.1339

■ 138.4770,
-16.9972, -8.3113

■ 112.2690,
-55.3486, -27.4229

■ 142.2800,
-11.4770, -5.5076

■ 146.0830, -5.9569,
-2.7038

■ 149.8860, -0.4368,
0.1000

■ 153.3900, 5.2307,
2.2890

■ 157.1930, 10.7509,
5.0927

■ 160.9960, 16.2710,
7.8965

Harmonies

Analogous

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



131.9110, -45.3121, 20.2491



127.0680, -33.5575, -16.7226



112.6000, -7.1978, -71.5632

Triad

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



127.0680, -33.5575, -16.7226



114.7770, 51.3819, -100.6594



137.1800, -2.5537, 72.6331

Complementary

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



127.0680, -33.5575, -16.7226



81.9320, 33.5575, 16.7226

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.



141.3140, 17.5932, 50.5906



127.0680, -33.5575, -16.7226



125.2150, 50.6730, -59.8246

Square

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



127.0680, -33.5575, -16.7226



114.8790, 36.5417, -100.7489



141.2190, 34.8950, 7.7009



135.6640, -23.4984, 70.4547

Rectangle

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



127.0680, -33.5575, -16.7226



108.0390, 10.3338, -94.7502



141.2190, 34.8950, 7.7009



138.2810, 4.2985, 68.1596

Sweetspot

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



127.0680, -33.5575, -16.7226



185.2260, -12.9294, -6.3372



110.2760, -25.2791, 34.8379



91.6160, -7.6987, -4.0482



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.



127.0680, -33.5575, -16.7226



158.3770, -52.4439, -25.7636



113.9120, -27.0716, -43.7728



72.3050, -2.6154, -1.1445



103.1320, -50.8441, -25.5488



7.3650, -3.6309, -2.0741

Inverse Universe

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



81.9320, 33.5575, 16.7226



87.9220, 52.2965, 26.3784



95.0880, 27.0716, 43.7728



68.6950, 2.6154, 1.1445



34.8680, 50.8441, 25.5488



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 127.0680, -33.5575, -16.7226 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 127.0680, -33.5575, -16.7226 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 127.0680, -33.5575, -16.7226 Background



This preview shows how black text looks on a background with the YUV color 127.0680, -33.5575, -16.7226.



This preview shows how white text looks on a background with the YUV color 127.0680, -33.5575, -16.7226.

-16.7226.

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

127.0680, -33.5575, -16.7226

Protanopia

133.0230, -38.4653, 17.5198

Deuteranopia

135.1370, -34.5775, 30.5749



Tritanopia

136.2740, 7.7529, -13.3953

Trichromacy



Original Color

127.0680, -33.5575, -16.7226

Protanomaly

130.7010, -36.8276, 5.5242

Deuteranomaly

132.1410, -34.0865, 13.0313

Tritanomaly

132.6640, -7.2294, -14.6143

Monochromacy



Original Color

127.0680, -33.5575, -16.7226

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7530, -12.2032, -5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0680, -33.5575, -16.7226 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(108, 150, 59)` looks like.

```
.text, #text, p{  
    color:rgb(108, 150, 59)  
}
```

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(108, 150, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 150, 59) }
```

Border

The CSS property to change the border of an element to YUV 127.0680, -33.5575, -16.7226 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(108, 150, 59) }
```


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

```
.border{ border-color:rgb(108, 150, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 150, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 150, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 150, 59);  
box-shadow:4px 4px 4px 4px rgb(108, 150,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 127.0680, -33.5575, -16.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 150, 59) }
```

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

```
.background{ background-color: rgb(108,  
150, 59) }
```

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