

Converting Colors

YUV(135.0680, -13.3445,
-13.2146)

Have a look what the booklet for
YUV(135.0680, -13.3445, -13.2146)
contains.

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Color

**YUV(135.0680, -13.3445,
-13.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	78946C
RGB	120, 148, 108
RGB Percent	47%, 58%, 42%
CMY	0.5294, 0.4196, 0.5765
CMYK	0.19, 0.00, 0.27, 0.42
HSL	102°, 16%, 50%
HSV	102°, 27%, 58%
XYZ	21.0424, 26.2556, 18.1461
YIQ	135.0680, -3.8480, -18.3760

Conversions

Conversions Part 2

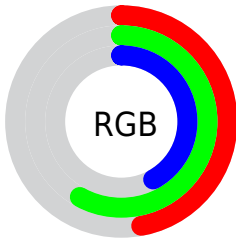
Format	Color
R_{YB}	108, 148, 136
Decimal	7902316
CIE _{Lab}	58.28, -17.69, 18.00
CIE _{LCh}	58, 25.243, 134.499
Yxy	26.2556, 0.3215, 0.4012
Android (android.graphics.Color)	4286092396 (0xFF78946C)
YUV	135.0680, -13.3445, -13.2146
Hunter-Lab	51.2402, -16.3672, 14.8713

Details

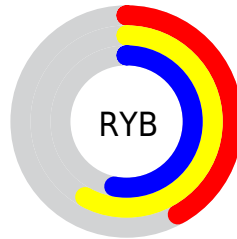
The YUV color $135.0680, -13.3445, -13.2146$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $120.9320, 13.3445, 13.2146$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.5410, -14.0707, -13.6295$, and $85.0080, -12.3289, -12.2850$ is the 20% darker color. If you saturate the color by 10%, you get $130.3680, -18.4224, -17.8627$, and if you desaturate by 10%, it is $139.7680, -8.2666, -8.5665$.

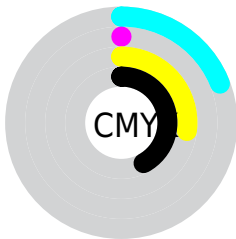
Distribution



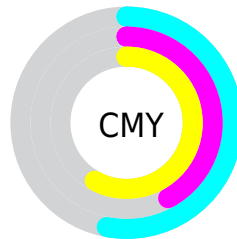
- Red (47%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0680, -13.3445, -13.2146 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 135.0680, -13.3445, -13.2146 by changing the saturation by 10% instead.

■ 135.0680,
-13.3445, -13.2146

■ 135.0680,
-13.3445, -13.2146

■ 255.0000, 0.0000,
0.0000

■ 109.5950,
-12.6183, -12.7998

■ 188.5410,
-14.0707, -13.6295

■ 85.0080, -12.3289,
-12.2850

■ 216.1280,
-14.3601, -14.1443

■ 61.2360, -11.4553,
-12.4850

■ 242.5520,
-14.0761, -11.8851

■ 39.3500, -11.0186,
-12.5850

■ 253.6320, -5.2416,
1.1997

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 135.0680,
-13.3445, -13.2146

■ 135.0680,
-13.3445, -13.2146

■ 130.3680,
-18.4224, -17.8627

■ 139.7680, -8.2666,
-8.5665

■ 125.3690,
-23.3529, -23.1256

■ 144.7670, -3.3361,
-3.3037

■ 120.7830,
-27.9940, -27.8737

■ 149.3530, 1.3050,
1.4444

■ 116.0830,
-33.0719, -32.5218

■ 154.0530, 6.3829,
6.0925

■ 111.0840,
-38.0024, -37.7847

■ 159.0520, 11.3134,
11.3554

■ 106.3840,
-43.0803, -42.4328

■ 163.7520, 16.3913,
16.0035

■ 101.3850,
-48.0108, -47.6956


■ 168.7510, 21.3218,
21.2664

■ 100.0320,

■ 173.3370, 25.9629,

-49.3158, -49.1401

26.0145

 178.0370, 31.0408,
30.6626

Harmonies

Analogous

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



137.7670, -20.0981, 6.3433



135.0680, -13.3445, -13.2146



132.2210, -2.0810, -32.6428

Triad

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



135.0680, -13.3445, -13.2146



134.8550, 23.2425, -34.9528



142.9230, -6.3710, 36.9015

Complementary

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



135.0680, -13.3445, -13.2146



120.9320, 13.3445, 13.2146

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.



143.6260, 4.1284, 29.2690



135.0680, -13.3445, -13.2146



139.8410, 21.2774, -11.2616

Square

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



135.0680, -13.3445, -13.2146



129.2570, 20.0863, -49.3374



143.4480, 14.0761, 11.8851



141.4960, -15.5275, 33.7680

Rectangle

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



135.0680, -13.3445, -13.2146



129.4460, 6.6821, -43.3641



143.4480, 14.0761, 11.8851



143.2370, -2.5818, 34.8722

Sweetspot

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



135.0680, -13.3445, -13.2146



186.3000, -5.0779, -4.6481



136.3960, -13.9992, 10.1767



93.7670, -3.3361, -3.3037



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.



135.0680, -13.3445, -13.2146



171.1890, -20.3062, -20.3368



132.3920, -8.0813, -21.3918



71.7070, -2.3206, -2.3740



93.2650, -45.9796, -45.8364



6.7670, -3.3361, -3.3037

Inverse Universe

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



120.9320, 13.3445, 13.2146



149.8110, 20.3062, 20.3368



123.6080, 8.0813, 21.3918



69.2930, 2.3206, 2.3740



44.4360, 46.1271, 45.2216



3.2330, 3.3361, 3.3037

Previews

White Background



This preview shows how the YUV color 135.0680, -13.3445, -13.2146 looks on a white background.

Color Contrast Check

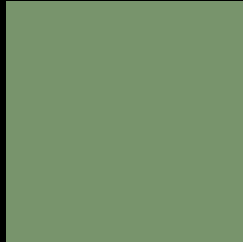
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0680, -13.3445, -13.2146 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 135.0680, -13.3445, -13.2146 Background



This preview shows how black text looks on a background with the YUV color 135.0680, -13.3445, -13.2146.



This preview shows how white text looks on a background with the YUV color 135.0680, -13.3445, -13.2146.

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

135.0680, -13.3445, -13.2146

Protanopia

138.8860, -17.1988, 9.7470

Deuteranopia

140.0490, -14.3212, 20.1280



Tritanopia

138.7690, 7.0159, -10.3214

Trichromacy



Original Color

135.0680, -13.3445, -13.2146

Protanomaly

137.4720, -16.0087, 1.3401

Deuteranomaly

138.0860, -13.8464, 7.8176

Tritanomaly

137.2220, -0.1094, -11.5957

Monochromacy



Original Color

135.0680, -13.3445, -13.2146

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3000, -5.0779, -4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0680, -13.3445, -13.2146 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(120, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 108)  
}
```

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(120, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 108) }
```

Border

The CSS property to change the border of an element to YUV 135.0680, -13.3445, -13.2146 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(120, 148, 108) }
```


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

```
.border{ border-color:rgb(120, 148, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 135.0680, -13.3445, -13.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 108) }
```

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

```
.background{ background-color: rgb(120,  
148, 108) }
```

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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