

Converting Colors

YUV(109.0680, -16.7955,
-26.3696)

Have a look what the booklet for
YUV(109.0680, -16.7955, -26.3696)
contains.

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Color

**YUV(109.0680, -16.7955,
-26.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	4F834B
RGB	79, 131, 75
RGB Percent	31%, 51%, 29%
CMY	0.6902, 0.4863, 0.7059
CMYK	0.40, 0.00, 0.43, 0.49
HSL	116°, 27%, 40%
HSV	116°, 43%, 51%
XYZ	12.6107, 18.4029, 9.5441
YIQ	109.0680, -13.0160, -28.4400

Conversions

Conversions Part 2

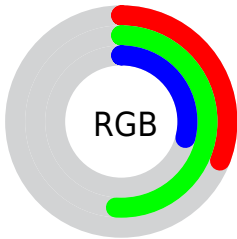
Format	Color
RYB	75, 131, 127
Decimal	5210955
CIELab	49.98, -29.38, 24.92
CIELCh	50, 38.527, 139.701
Yxy	18.4029, 0.3109, 0.4537
Android (android.graphics.Color)	4283401035 (0xFF4F834B)
YUV	109.0680, -16.7955, -26.3696
Hunter-Lab	42.8986, -22.5994, 16.8382

Details

The YUV color **109.0680, -16.7955, -26.3696** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **96.9320, 16.7955, 26.3696**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4270, -17.9585, -26.6845**, and **59.2250, -14.9009, -27.3843** is the 20% darker color. If you saturate the color by 10%, you get **103.9980, -20.7050, -32.4472**, and if you desaturate by 10%, it is **114.1380, -12.8860, -20.2920**.

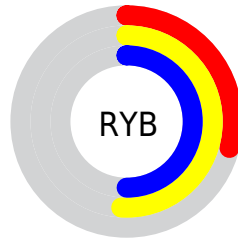
Distribution



Red (31%)

Green (51%)

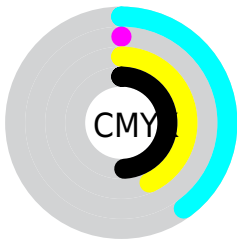
Blue (29%)



Red (29%)

Yellow (51%)

Blue (50%)

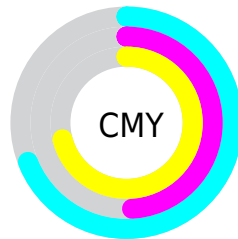


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0680, -16.7955, -26.3696 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 109.0680, -16.7955, -26.3696 by changing the saturation by 10% instead.

■ 109.0680,
-16.7955, -26.3696

■ 109.0680,
-16.7955, -26.3696

■ 255.0000, 0.0000,
0.0000

■ 84.2960, -15.9219,
-26.5696

■ 161.4270,
-17.9585, -26.6845

■ 59.2250, -14.9009,
-27.3843

■ 188.9000,
-18.6847, -27.0993

■ 34.7300, -14.1639,
-30.4582

■ 217.0740,
-19.2635, -28.1289

■ 21.1320, -10.4181,
-18.5328

■ 236.7420,
-15.6488, -20.8217

■ 0.0000, 0.0000,
0.0000

■ 248.7190, -7.2565,
-5.8926

■ 109.0680,
-16.7955, -26.3696

■ 109.0680,
-16.7955, -26.3696

■ 103.9980,
-20.7050, -32.4472

■ 114.1380,
-12.8860, -20.2920

■ 98.9280, -24.6145,
-38.5249

■ 119.2080, -8.9765,
-14.2144

■ 93.8580, -28.5240,
-44.6025

■ 124.2780, -5.0671,
-8.1368

■ 88.4890, -32.2861,
-51.2949

■ 129.6470, -1.3050,
-1.4444

■ 83.3050, -36.6324,
-57.2725

■ 134.7170, 2.6045,
4.6332

■ 79.5880, -39.2369,
-61.9057

■ 139.9010, 6.9508,
10.6108

■ 144.9710, 10.8603,
16.6884

■ 150.0410, 14.7698,

22.7660

■ 155.1110, 18.6793,
28.8437

Harmonies

Analogous

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



114.0410, -29.1072, 2.5950



109.0680, -16.7955, -26.3696



94.6180, 5.6113, -73.3330

Triad

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



109.0680, -16.7955, -26.3696



100.8040, 40.5226, -70.8651



119.4090, -10.0616, 54.0153

Complementary

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



109.0680, -16.7955, -26.3696



96.9320, 16.7955, 26.3696

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.



121.6650, 5.0952, 45.8978



109.0680, -16.7955, -26.3696



118.9360, 30.5976, -13.9759

Square

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



109.0680, -16.7955, -26.3696



97.2230, 34.8931, -85.2646



122.5940, 19.4272, 22.2811



118.3960, -23.8592, 46.1337

Rectangle

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



109.0680, -16.7955, -26.3696



94.5380, 16.9898, -82.9098



122.5940, 19.4272, 22.2811



119.6630, -5.2569, 52.9155

Sweetspot

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



109.0680, -16.7955, -26.3696



162.2130, -6.5140, -10.7108



121.6810, -23.0137, 8.1728



81.5170, -4.1989, -6.5924



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.0680, -16.7955, -26.3696



136.8630, -26.0615, -41.0989



110.4940, -6.1595, -31.1282



63.5220, -1.7363, -3.0888



79.0010, -38.9475, -61.3909



1.7610, -0.8682, -1.5444

Inverse Universe

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



96.9320, 16.7955, 26.3696



118.1370, 26.0615, 41.0989



95.5060, 6.1595, 31.1282



62.4780, 1.7363, 3.0888



50.9990, 38.9475, 61.3909



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 109.0680, -16.7955, -26.3696 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 109.0680, -16.7955, -26.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

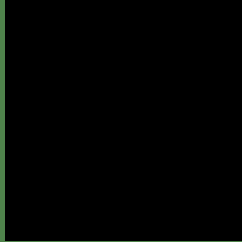
Any Text WCAG AA ✓ Pass

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 109.0680, -16.7955, -26.3696 Background



This preview shows how black text looks on a background with the YUV color 109.0680, -16.7955, -26.3696.



This preview shows how white text looks on a background with the YUV color 109.0680, -16.7955, -26.3696.

-26.3696.

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

109.0680, -16.7955, -26.3696

Protanopia

116.1160, -22.7352, 12.1763

Deuteranopia

117.7950, -19.1259, 21.2278



Tritanopia

114.9740, 9.3798, -21.9022

Trichromacy



Original Color

109.0680, -16.7955, -26.3696

Protanomaly

113.5980, -20.5078, -2.2784

Deuteranomaly

114.9130, -18.1981, 3.5843

Tritanomaly

113.1450, -0.0715, -23.8062

Monochromacy



Original Color

109.0680, -16.7955, -26.3696

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0390, -5.9352, -9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0680, -16.7955, -26.3696 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(79, 131, 75)` looks like.

```
.text, #text, p{  
    color:rgb(79, 131, 75)  
}
```

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(79, 131, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 131, 75) }
```

Border

The CSS property to change the border of an element to YUV 109.0680, -16.7955, -26.3696 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(79, 131, 75) }
```


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

```
.border{ border-color:rgb(79, 131, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 131, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 131, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 131, 75);  
box-shadow:4px 4px 4px 4px rgb(79, 131,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 109.0680, -16.7955, -26.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 131, 75) }
```

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

```
.background{ background-color: rgb(79, 131,  
75) }
```

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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