

Converting Colors

YUV(58.6690, -4.7668, -11.1107)

Have a look what the booklet for
YUV(58.6690, -4.7668, -11.1107)
contains.

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Color

**YUV(58.6690, -4.7668,
-11.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4331
RGB	46, 67, 49
RGB Percent	18%, 26%, 19%
CMY	0.8196, 0.7373, 0.8078
CMYK	0.31, 0.00, 0.27, 0.74
HSL	129°, 19%, 22%
HSV	129°, 31%, 26%
XYZ	3.6882, 4.8169, 3.6411
YIQ	58.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

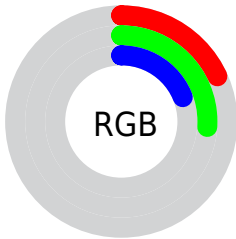
Format	Color
RYB	46, 64, 67
Decimal	3031857
CIELab	26.21, -12.65, 8.34
CIElCh	26, 15.148, 146.615
Yxy	4.8169, 0.3037, 0.3966
Android (android.graphics.Color)	4281221937 (0xFF2E4331)
YUV	58.6690, -4.7668, -11.1107
Hunter-Lab	21.9474, -8.4113, 5.5270

Details

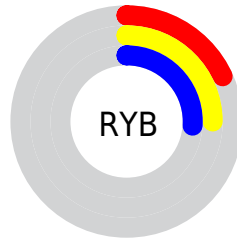
The YUV color **58.6690, -4.7668, -11.1107** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **54.3310, 4.7668, 11.1107**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8430, -5.3456, -12.1403**, and **14.9030, -6.3612, -13.0699** is the 20% darker color. If you saturate the color by 10%, you get **55.8920, -6.3558, -14.8143**, and if you desaturate by 10%, it is **61.4460, -3.1779, -7.4071**.

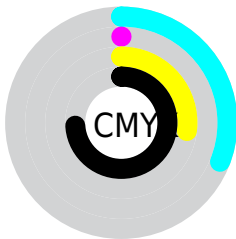
Distribution



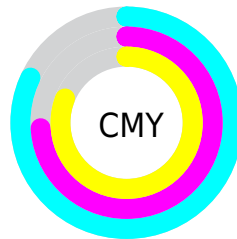
- Red (18%)
- Green (26%)
- Blue (19%)



- Red (18%)
- Yellow (25%)
- Blue (26%)



- Cyan (31%)
- Magenta (0%)
- Yellow (27%)
- Black (74%)



- Cyan (82%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6690, -4.7668, -11.1107 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 58.6690, -4.7668, -11.1107 by changing the saturation by 10% instead.

■ 58.6690, -4.7668,
-11.1107

■ 58.6690, -4.7668,
-11.1107

255.0000, 0.0000,
0.0000

■ 37.0820, -4.4774,
-10.5959

■ 105.8430, -5.3456,
-12.1403

■ 14.9030, -6.3612,
-13.0699

■ 131.4300, -5.6350,
-12.6551

■ 0.0000, 0.0000,
0.0000

■ 157.4300, -5.6350,
-12.6551

■ 184.3160, -6.0718,
-12.5551

■ 212.0170, -5.9244,
-13.1699

■ 240.6040, -6.2138,

-13.6847

254.7010, 0.1474,
-0.6148

■ 58.6690, -4.7668,
-11.1107

■ 58.6690, -4.7668,
-11.1107

■ 55.8920, -6.3558,
-14.8143

■ 61.4460, -3.1779,
-7.4071

■ 53.5280, -7.6553,
-18.0031

■ 63.8100, -1.8783,
-4.2184

■ 50.7510, -9.2442,
-21.7066

■ 66.5870, -0.2894,
-0.5148

■ 47.9740, -10.8332,
-25.4102

■ 69.3640, 1.2995,
3.1888

■ 45.4960, -12.5695,
-28.4990

■ 72.1410, 2.8885,
6.8923

■ 42.8330, -13.7217,
-32.3025

■ 74.5050, 4.1880,
10.0811

■ 40.4690, -15.0212,
-35.4913

■ 77.2820, 5.7770,
13.7847

■ 80.0590, 7.3659,
17.4883

■ 82.5370, 9.1023,
20.5771

Harmonies

Analogous

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



59.8830, -9.3093, -0.7744



58.6690, -4.7668, -11.1107



56.6230, 1.6649, -20.7174

Triad

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



58.6690, -4.7668, -11.1107



60.1260, 12.2629, -13.2655



63.0410, -5.4432, 19.2580

Complementary

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



58.6690, -4.7668, -11.1107



54.3310, 4.7668, 11.1107

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.



63.8110, 0.0932, 16.8288



58.6690, -4.7668, -11.1107



63.2200, 9.7515, -1.0699

Square

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



58.6690, -4.7668, -11.1107



57.2340, 11.7166, -24.7612



63.8470, 5.4984, 9.7812



62.2810, -9.5055, 15.5396

Rectangle

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



58.6690, -4.7668, -11.1107



55.4420, 6.1911, -25.8206



63.8470, 5.4984, 9.7812



63.4970, -3.6960, 18.8581

Sweetspot

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



58.6690, -4.7668, -11.1107



83.8100, -1.8783, -4.2184



63.7090, -8.7305, 0.2552



41.3480, -1.1576, -2.0592



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



58.6690, -4.7668, -11.1107



73.8270, -7.8027, -17.3883



59.8090, -0.3988, -12.1105



31.7610, -0.8682, -1.5444



58.5350, -21.9558, -51.3352



135.1360, -50.8460, -118.5143

Inverse Universe

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



54.3310, 4.7668, 11.1107



67.0590, 7.3659, 17.4883



53.1910, 0.3988, 12.1105



31.2390, 0.8682, 1.5444



38.4650, 21.9558, 51.3352



88.8640, 50.8460, 118.5143

Previews

White Background



This preview shows how the YUV color 58.6690, -4.7668, -11.1107 looks on a white background.

Color Contrast Check

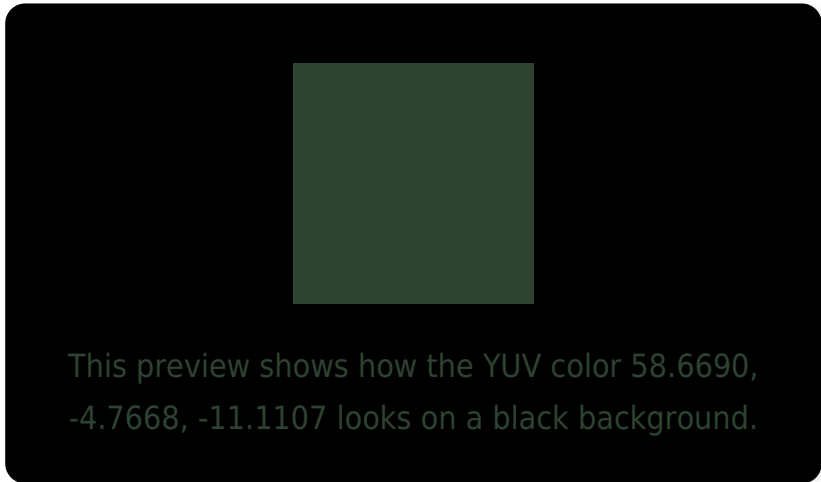
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 58.6690, -4.7668, -11.1107

Background



This preview shows how black text looks on a background with the YUV color 58.6690, -4.7668, -11.1107.



This preview shows how white text looks on a background with the YUV color 58.6690, -4.7668, -11.1107.

-11.1107.

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

58.6690, -4.7668, -11.1107

Protanopia

61.4860, -7.1416, 3.9588

Deuteranopia

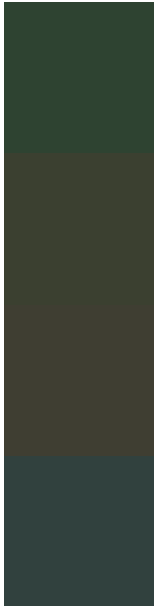
61.9750, -5.4107, 8.7919



Tritanopia

60.3840, 4.2477, -9.1068

Trichromacy



Original Color

58.6690, -4.7668, -11.1107

Protanomaly

60.6810, -6.2517, -1.4742

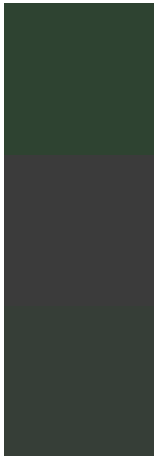
Deuteranomaly

60.9310, -5.3890, 1.8145

Tritanomaly

59.8740, 1.0481, -9.5365

Monochromacy



Original Color

58.6690, -4.7668, -11.1107

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8100, -1.8783, -4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6690, -4.7668, -11.1107 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(46, 67, 49)` looks like.

```
.text, #text, p{  
    color:rgb(46, 67, 49)  
}
```

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(46, 67, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 67, 49) }
```

Border

The CSS property to change the border of an element to YUV 58.6690, -4.7668, -11.1107 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(46, 67, 49) }
```


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

```
.border{ border-color:rgb(46, 67, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 67, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 67, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 67, 49);  
box-shadow:4px 4px 4px 4px rgb(46, 67, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.6690, -4.7668, -11.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 67, 49) }
```

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

```
.background{ background-color: rgb(46, 67,  
49) }
```

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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