

Converting Colors

YUV(89.2580, 5.2958, -18.6433)

Have a look what the booklet for
YUV(89.2580, 5.2958, -18.6433)
contains.

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Color

**YUV(89.2580, 5.2958,
-18.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	446264
RGB	68, 98, 100
RGB Percent	27%, 38%, 39%
CMY	0.7333, 0.6157, 0.6078
CMYK	0.32, 0.02, 0.00, 0.61
HSL	184°, 19%, 33%
HSV	184°, 32%, 39%
XYZ	9.0518, 10.8844, 13.6804
YIQ	89.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

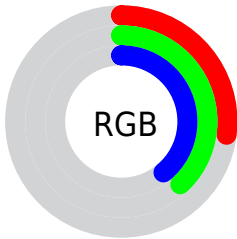
Format	Color
R_{YB}	68, 83, 100
Decimal	4481636
CIE _{Lab}	39.39, -10.40, -4.68
CIE _{LCh}	39, 11.400, 204.235
Yxy	10.8844, 0.2693, 0.3238
Android (android.graphics.Color)	4282671716 (0xFF446264)
YUV	89.2580, 5.2958, -18.6433
Hunter-Lab	32.9915, -8.7604, -1.4914

Details

The YUV color **89.2580, 5.2958, -18.6433** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.7420, -5.2958, 18.6433**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6600, 5.5906, -19.8728**, and **42.5570, 5.1484, -18.0285** is the 20% darker color. If you saturate the color by 10%, you get **85.6810, 7.0593, -24.2762**, and if you desaturate by 10%, it is **92.8350, 3.5323, -13.0103**.

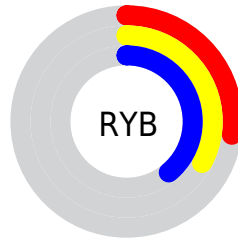
Distribution



Red (27%)

Green (38%)

Blue (39%)



Red (27%)

Yellow (33%)

Blue (39%)

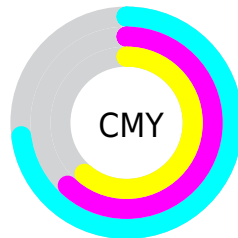


Cyan (32%)

Magenta (2%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2580, 5.2958, -18.6433 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 89.2580, 5.2958, -18.6433 by changing the saturation by 10% instead.

■ 89.2580, 5.2958,
-18.6433

■ 89.2580, 5.2958,
-18.6433

■ 255.0000, 0.0000,
0.0000

■ 65.5570, 5.1484,
-18.0285

■ 139.6600, 5.5906,
-19.8728

■ 42.5570, 5.1484,
-18.0285

■ 165.6600, 5.5906,
-19.8728

■ 21.2580, 5.2958,
-18.6433

■ 193.3610, 5.7380,
-20.4876

■ 1.0260, 3.9312,
-0.8998

■ 221.3610, 5.7380,
-20.4876

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,
-17.8285

■ 89.2580, 5.2958,
-18.6433

■ 89.2580, 5.2958,
-18.6433

■ 85.6810, 7.0593,
-24.2762

■ 92.8350, 3.5323,
-13.0103

■ 82.6910, 8.5333,
-30.4240

■ 95.8250, 2.0583,
-6.8625

■ 79.1140, 10.2968,
-36.0570

■ 99.4020, 0.2948,
-1.2296

■ 76.1240, 11.7709,
-42.2047

■ 102.9790, -1.4686,
4.4034

■ 72.5470, 13.5343,
-47.8377

■ 105.9690, -2.9427,
10.5512

■ 68.9700, 15.2978,
-53.4707

■ 109.5460, -4.7062,
16.1842

■ 66.5780, 16.4770,
-58.3889

■ 112.5360, -6.1802,
22.3319

■ 116.1130, -7.9437,

27.9649

■ 119.6900, -9.7072,
33.5979

Harmonies

Analogous

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



89.4280, 0.7750, -15.2844



89.2580, 5.2958, -18.6433



90.3660, 8.2006, -16.9840

Triad

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



89.2580, 5.2958, -18.6433



94.3090, 4.7777, 7.6220



92.9380, -9.3364, 7.9474

Complementary

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



89.2580, 5.2958, -18.6433



78.7420, -5.2958, 18.6433

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.



93.7260, -7.7529, 13.3953



89.2580, 5.2958, -18.6433



94.2020, 0.3934, 13.8548

Square

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



89.2580, 5.2958, -18.6433



93.4650, 8.1518, -1.2848



94.3610, -4.1220, 15.4694



91.9370, -7.8569, 0.0553

Rectangle

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



89.2580, 5.2958, -18.6433



91.0290, 9.3527, -13.1804



94.3610, -4.1220, 15.4694



92.7750, -8.7631, 10.7213

Sweetspot

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



89.2580, 5.2958, -18.6433



125.5260, 2.2057, -7.4773



87.0120, -8.3869, -16.6735



63.6080, 1.1793, -4.9182



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.2580, 5.2958, -18.6433



113.5880, 8.0911, -28.5797



79.8660, 9.9261, -10.4065



49.5050, 0.7370, -3.0739



76.5060, 18.9775, -67.0958



160.8370, 40.0134, -141.0540

Inverse Universe

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



80.9880, 8.3869, 16.6735



100.8950, 12.8698, 25.5251



88.1340, -9.9261, 10.4065



48.0650, 1.4470, 2.5740



46.6970, 30.2224, 59.9017



98.2360, 63.4807, 126.0810

Previews

White Background



This preview shows how the YUV color 89.2580, 5.2958, -18.6433 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 × Fail

Black Background



This preview shows how the YUV color 89.2580, 5.2958, -18.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

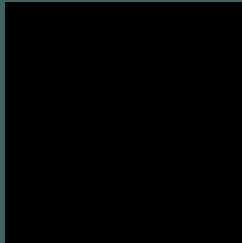
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2580, 5.2958, -18.6433

Background



This preview shows how black text looks on a background with the YUV color 89.2580, 5.2958, -18.6433.



This preview shows how white text looks on a background with the YUV color 89.2580, 5.2958, -18.6433.

-18.6433.

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

89.2580, 5.2958, -18.6433

Protanopia

92.7550, 1.5998, 0.2149

Deuteranopia

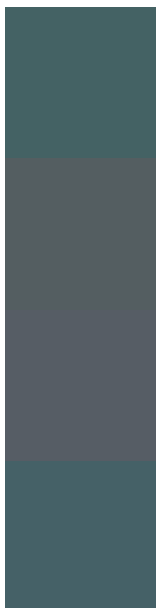
93.4610, 4.2097, 3.1037



Tritanopia

89.5400, 7.6218, -18.0136

Trichromacy



Original Color

89.2580, 5.2958, -18.6433

Protanomaly

91.3520, 2.7845, -6.4477

Deuteranomaly

91.8190, 4.5262, -5.1033

Tritanomaly

89.3120, 6.7482, -17.8136

Monochromacy



Original Color

89.2580, 5.2958, -18.6433

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2580, 5.2958, -18.6433 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(68, 98, 100)` looks like.

```
.text, #text, p{  
    color:rgb(68, 98, 100)  
}
```

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(68, 98, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 98, 100) }
```

Border

The CSS property to change the border of an element to YUV 89.2580, 5.2958, -18.6433 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(68, 98, 100) }
```


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

```
.border{ border-color:rgb(68, 98, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 98, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(68, 98,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 89.2580, 5.2958, -18.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 98, 100) }
```

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

```
.background{ background-color: rgb(68, 98,  
100) }
```

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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