

Converting Colors

YUV(158.2580, 5.2958,
-18.6433)

Have a look what the booklet for
YUV(158.2580, 5.2958, -18.6433)
contains.

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Color

**YUV(158.2580, 5.2958,
-18.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	89A7A9
RGB	137, 167, 169
RGB Percent	54%, 65%, 66%
CMY	0.4627, 0.3451, 0.3373
CMYK	0.19, 0.01, 0.00, 0.34
HSL	184°, 16%, 60%
HSV	184°, 19%, 66%
XYZ	31.2967, 35.8204, 42.8006
YIQ	158.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

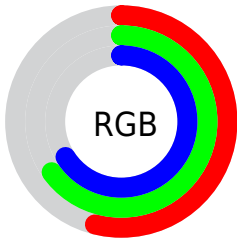
Format	Color
RYB	137, 152, 169
Decimal	9021353
CIELab	66.38, -9.83, -4.47
CIElCh	66, 10.797, 204.450
Yxy	35.8204, 0.2847, 0.3259
Android (android.graphics.Color)	4287211433 (0xFF89A7A9)
YUV	158.2580, 5.2958, -18.6433
Hunter-Lab	59.8501, -11.3969, -0.5050

Details

The YUV color $158.2580, 5.2958, -18.6433$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $147.7420, -5.2958, 18.6433$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.9590, 5.4432, -19.2580$, and $106.5570, 5.1484, -18.0285$ is the 20% darker color. If you saturate the color by 10%, you get $152.5880, 8.0911, -28.5797$, and if you desaturate by 10%, it is $163.9280, 2.5005, -8.7069$.

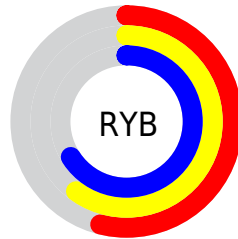
Distribution



Red (54%)

Green (65%)

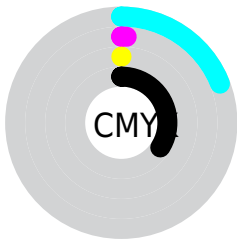
Blue (66%)



Red (54%)

Yellow (60%)

Blue (66%)

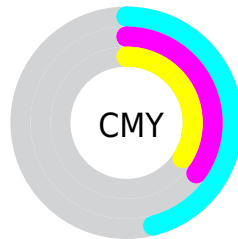


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (46%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2580, 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 158.2580, 5.2958, -18.6433 by changing the saturation by 10% instead.

■ 158.2580, 5.2958,
-18.6433

■ 158.2580, 5.2958,
-18.6433

255.0000, 0.0000,
0.0000

■ 132.2580, 5.2958,
-18.6433

■ 212.9590, 5.4432,
-19.2580

■ 106.5570, 5.1484,
-18.0285

■ 241.6600, 5.5906,
-19.8728

■ 81.8560, 5.0010,
-17.4137

■ 252.9070, 1.0318,
-4.3034

■ 58.8560, 5.0010,
-17.4137

■ 36.8560, 5.0010,
-17.4137

■ 17.6390, 4.1220,
-15.4694

■ 0.0000, 0.0000,

0.0000

■ 158.2580, 5.2958,
-18.6433

■ 158.2580, 5.2958,
-18.6433

■ 152.5880, 8.0911,
-28.5797

■ 163.9280, 2.5005,
-8.7069

■ 146.9180, 10.8864,
-38.5161

■ 169.5980, -0.2948,
1.2296

■ 141.2480, 13.6817,
-48.4525

■ 175.2680, -3.0901,
11.1660

■ 135.5780, 16.4770,
-58.3889

■ 180.9380, -5.8854,
21.1024

■ 130.2070, 19.1249,
-67.7105

■ 186.3090, -8.5333,
30.4240

■ 124.5370, 21.9203,
-77.6469

■ 191.9790,
-11.3286, 40.3604

■ 118.8670, 24.7156,
-87.5834

■ 197.6490,
-14.1240, 50.2968

■ 113.1970, 27.5109,
-97.5198

■ 198.2360,
-14.4133, 49.7820

■ 112.0120, 28.0951,
-98.2345

■ 199.4100,
-14.9921, 48.7524

Harmonies

Analogous

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



158.3140, 0.3382, -15.1844



158.2580, 5.2958, -18.6433



158.8930, 8.9268, -16.5692

Triad

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



158.2580, 5.2958, -18.6433



163.3090, 4.7777, 7.6220



161.2370, -9.4838, 8.5622

Complementary

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



158.2580, 5.2958, -18.6433



147.7420, -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.



162.3240, -8.0477, 14.6249



158.2580, 5.2958, -18.6433



163.5010, 0.2460, 14.4696

Square

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



158.2580, 5.2958, -18.6433



162.4650, 8.1518, -1.2848



162.9590, -4.4168, 16.6990



160.2360, -8.0043, 0.6700

Rectangle

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



158.2580, 5.2958, -18.6433



160.4420, 9.6421, -12.6656



162.9590, -4.4168, 16.6990



161.6610, -9.1999, 10.8213

Sweetspot

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



158.2580, 5.2958, -18.6433



214.5260, 2.2057, -7.4773



156.0120, -8.3869, -16.6735



107.0210, 1.4686, -4.4034



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



158.2580, 5.2958, -18.6433



202.2890, 8.2385, -29.1945



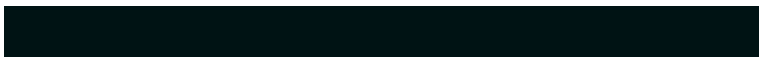
148.8660, 9.9261, -10.4065



81.6080, 1.1793, -4.9182



98.4650, 24.4208, -86.3538



13.4330, 3.2375, -11.7807

Inverse Universe

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



149.9880, 8.3869, 16.6735



189.3080, 13.1592, 26.0399



157.1340, -9.9261, 10.4065



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 158.2580, 5.2958, -18.6433 looks on a white background.

Color Contrast Check

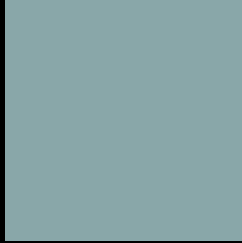
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.2580, 5.2958, -18.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

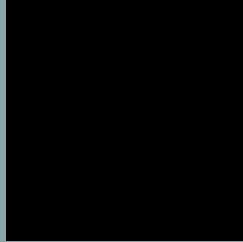
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.2580, 5.2958, -18.6433

Background



This preview shows how black text looks on a background with the YUV color 158.2580, 5.2958, -18.6433.



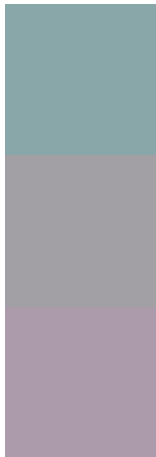
This preview shows how white text looks on a background with the YUV color 158.2580, 5.2958, -18.6433.

-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

158.2580, 5.2958, -18.6433

Protanopia

161.4670, 1.7418, 1.3444

Deuteranopia

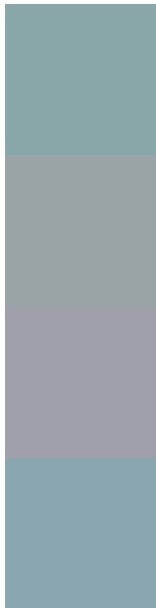
162.4940, 4.1935, 8.3368



Tritanopia

158.8220, 9.9478, -17.3839

Trichromacy



Original Color

158.2580, 5.2958, -18.6433

Protanomaly

160.6510, 2.6371, -5.8329

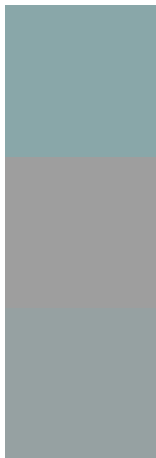
Deuteranomaly

160.8410, 4.5154, -1.6146

Tritanomaly

158.6540, 8.0586, -18.1136

Monochromacy



Original Color

158.2580, 5.2958, -18.6433

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2580, 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(137, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 167, 169)  
}
```

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(137, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 167, 169) }
```

Border

The CSS property to change the border of an element to YUV 158.2580, 5.2958, -18.6433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

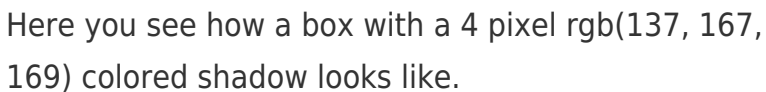
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 167, 169) }
```


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

```
.border{ border-color:rgb(137, 167, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 167, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 167, 169); box-shadow:4px 4px 4px 4px rgb(137, 167, 169) }
```

Background

The CSS property to change the background color of an element to YUV 158.2580, 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(137, 167, 169) }
```

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

```
.background{ background-color: rgb(137,  
167, 169) }
```

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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