

Converting Colors

YUV(131.4180, 5.7099,
-58.2486)

Have a look what the booklet for
YUV(131.4180, 5.7099, -58.2486)
contains.

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Color

**YUV(131.4180, 5.7099,
-58.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	41A38F
RGB	65, 163, 143
RGB Percent	25%, 64%, 56%
CMY	0.7451, 0.3608, 0.4392
CMYK	0.60, 0.00, 0.12, 0.36
HSL	168°, 43%, 45%
HSV	168°, 60%, 64%
XYZ	20.2351, 29.3014, 30.5758
YIQ	131.4180, -51.9880, -26.9960

Conversions

Conversions Part 2

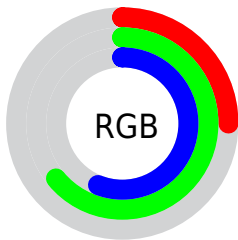
Format	Color
RYB	65, 120, 163
Decimal	4301711
CIELab	61.05, -33.54, 1.87
CIELCh	61, 33.594, 176.809
Yxy	29.3014, 0.2526, 0.3658
Android (android.graphics.Color)	4282491791 (0xFF41A38F)
YUV	131.4180, 5.7099, -58.2486
Hunter-Lab	54.1307, -28.0021, 4.4015

Details

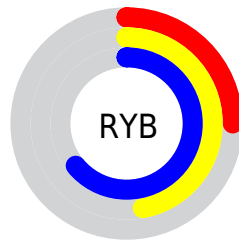
The YUV color **131.4180, 5.7099, -58.2486** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96.5820, -5.7099, 58.2486**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9020, 4.9783, -56.9191**, and **75.7590, 8.4998, -66.4406** is the 20% darker color. If you saturate the color by 10%, you get **126.2920, 6.7580, -67.7851**, and if you desaturate by 10%, it is **136.5440, 4.6618, -48.7121**.

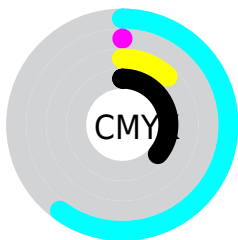
Distribution



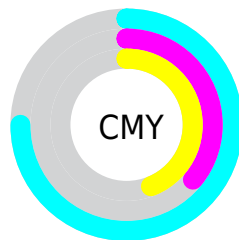
- Red (25%)
- Green (64%)
- Blue (56%)



- Red (25%)
- Yellow (47%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)




- Cyan (75%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.4180, 5.7099, -58.2486 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 131.4180, 5.7099, -58.2486 by changing the saturation by 10% instead.

 131.4180, 5.7099,
-58.2486

 131.4180, 5.7099,
-58.2486

255.0000, 0.0000,
0.0000


 102.7380, 7.0312,
-62.0372

 186.9020, 4.9783,
-56.9191

 75.7590, 8.4998,
-66.4406

 215.7880, 4.5415,
-56.8191


 58.3480, 5.2514,
-51.1712


 232.0480, 10.3293,
-46.5231

 41.7520, 2.5873,
-36.6165

 240.9470, 6.9281,
-28.8945

 26.4440, -0.2189,
-23.1914

 249.9170, 2.5059,
-10.4512

 4.1090, -2.0257,
-3.6036

 0.0000, 0.0000,

0.0000

■ 131.4180, 5.7099,
-58.2486

■ 131.4180, 5.7099,
-58.2486

■ 126.2920, 6.7580,
-67.7851

■ 136.5440, 4.6618,
-48.7121

■ 120.7530, 7.5168,
-77.8364

■ 142.0830, 3.9031,
-38.6608

■ 115.6270, 8.5649,
-87.3729

■ 147.2090, 2.8550,
-29.1243

■ 110.5010, 9.6130,
-96.9094

■ 152.3350, 1.8068,
-19.5878

■ 157.8740, 1.0481,
-9.5365

■ 163.0000, 0.0000,
0.0000

■ 168.1260, -1.0481,
9.5365

■ 173.3660, -1.6594,
18.9730

■ 178.7910, -2.8550,
29.1243

Harmonies

Analogous

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



138.3110, -11.9853, -29.2137



131.4180, 5.7099, -58.2486



122.5790, 24.8576, -86.4538

Triad

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



131.4180, 5.7099, -58.2486



149.2210, 25.0340, -2.8248



147.6510, -23.9849, 39.7711

Complementary

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



131.4180, 5.7099, -58.2486



96.5820, -5.7099, 58.2486

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.



149.1650, -13.3923, 48.9673



131.4180, 5.7099, -58.2486



151.2480, 14.1747, 26.9695

Square

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



131.4180, 5.7099, -58.2486



141.7220, 31.6891, -37.4672



150.5140, 0.7326, 45.1532



145.3900, -28.2933, 21.5830

Rectangle

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



131.4180, 5.7099, -58.2486



125.1370, 31.9775, -83.4351



150.5140, 0.7326, 45.1532



148.0690, -21.2330, 43.7895

Sweetspot

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



131.4180, 5.7099, -58.2486



199.7260, 2.1071, -22.5617



128.8050, -31.4559, -37.5400



99.5530, 1.2064, -13.6400



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



131.4180, 5.7099, -58.2486



162.7190, 9.0125, -90.9616



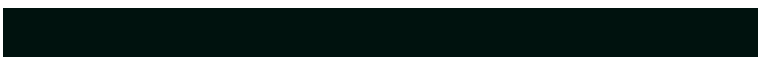
117.2620, 22.5488, -45.8338



79.0810, 0.4531, -5.3330



98.3390, 8.7069, -86.2433



12.1620, 0.9061, -10.6661

Inverse Universe

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



96.5820, -5.7099, 58.2486



108.2810, -9.0125, 90.9616



110.7380, -22.5488, 45.8338



75.9190, -0.4531, 5.3330



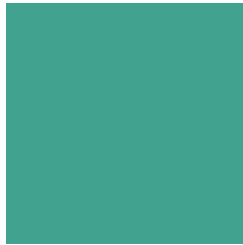
46.7750, -8.2701, 86.1433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 131.4180, 5.7099, -58.2486 looks on a white background.

Color Contrast Check

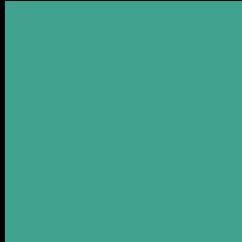
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.4180, 5.7099, -58.2486 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

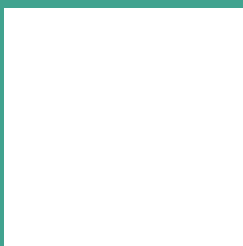
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4180, 5.7099, -58.2486

Background



This preview shows how black text looks on a background with the YUV color 131.4180, 5.7099, -58.2486.



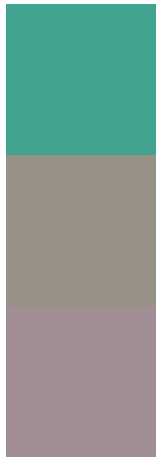
This preview shows how white text looks on a background with the YUV color 131.4180, 5.7099, -58.2486.

-58.2486.

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

131.4180, 5.7099, -58.2486

Protanopia

146.4260, -6.1260, 4.8884

Deuteranopia

148.0660, -0.0325, 10.4661



Tritanopia

135.6650, 17.9132, -52.3262

Trichromacy



Original Color

131.4180, 5.7099, -58.2486

Protanomaly

140.7220, -1.8349, -18.1732

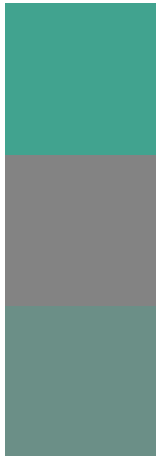
Deuteranomaly

142.0690, 1.9380, -14.9695

Tritanomaly

133.8020, 13.4086, -54.2004

Monochromacy



Original Color

131.4180, 5.7099, -58.2486

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.3240, 1.8123, -21.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4180, 5.7099, -58.2486 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(65, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(65, 163, 143)  
}
```

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(65, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 163, 143) }
```

Border

The CSS property to change the border of an element to YUV 131.4180, 5.7099, -58.2486 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(65, 163, 143) }
```


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

```
.border{ border-color:rgb(65, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(65, 163,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 131.4180, 5.7099, -58.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 163, 143) }
```

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

```
.background{ background-color: rgb(65, 163,  
143) }
```

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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