

Converting Colors

YUV(119.3580, 10.1765,
-44.1640)

Have a look what the booklet for
YUV(119.3580, 10.1765, -44.1640)
contains.

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Color

**YUV(119.3580, 10.1765,
-44.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	458D8C
RGB	69, 141, 140
RGB Percent	27%, 55%, 55%
CMY	0.7294, 0.4471, 0.4510
CMYK	0.51, 0.00, 0.01, 0.45
HSL	179°, 34%, 41%
HSV	179°, 51%, 55%
XYZ	16.7127, 22.2084, 28.2167
YIQ	119.3580, -42.5910, -15.5750

Conversions

Conversions Part 2

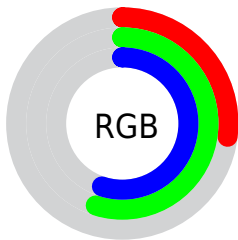
Format	Color
R_{YB}	69, 105, 141
Decimal	4558220
CIE _{Lab}	54.25, -22.67, -6.39
CIE _{LCh}	54, 23.558, 195.749
Yxy	22.2084, 0.2489, 0.3308
Android (android.graphics.Color)	4282748300 (0xFF458D8C)
YUV	119.3580, 10.1765, -44.1640
Hunter-Lab	47.1258, -19.1667, -2.5120

Details


The YUV color **119.3580, 10.1765, -44.1640** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.6420, -10.1765, 44.1640**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2440, 9.7397, -44.0640**, and **63.0900, 13.2666, -55.3299** is the 20% darker color. If you saturate the color by 10%, you get **115.1720, 12.2402, -52.7708**, and if you desaturate by 10%, it is **123.5440, 8.1128, -35.5571**.

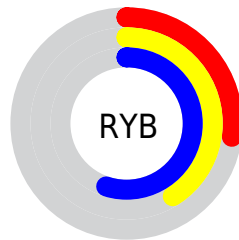
Distribution



 Red (27%)

 Green (55%)

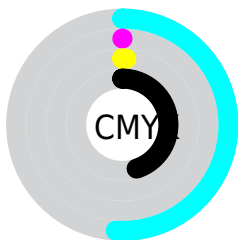
 Blue (55%)




 Red (27%)

 Yellow (41%)

 Blue (55%)

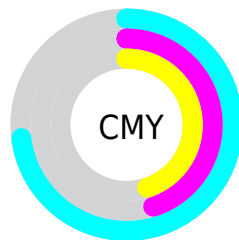


 Cyan (51%)

 Magenta (0%)

 Yellow (1%)

 Black (45%)



 Cyan (73%)

 Magenta (45%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3580, 10.1765, -44.1640 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 119.3580, 10.1765, -44.1640 by changing the saturation by 10% instead.

■ 119.3580, 10.1765,
-44.1640

■ 119.3580, 10.1765,
-44.1640

■ 255.0000, 0.0000,
0.0000

■ 92.8740, 10.9081,
-45.4935

■ 173.2440, 9.7397,
-44.0640

■ 63.0900, 13.2666,
-55.3299

■ 201.2440, 9.7397,
-44.0640

■ 46.9670, 9.8763,
-41.1901

■ 229.9450, 9.8871,
-44.6788

■ 30.9580, 6.9227,
-27.1502

■ 240.6480, 7.0755,
-29.5093

■ 16.8240, 3.5378,
-14.7546

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 119.3580, 10.1765,
-44.1640

■ 119.3580, 10.1765,
-44.1640

■ 115.1720, 12.2402,
-52.7708

■ 123.5440, 8.1128,
-35.5571

■ 110.9860, 14.3039,
-61.3777

■ 127.7300, 6.0491,
-26.9502

■ 106.6860, 15.9308,
-69.8846

■ 132.0300, 4.4222,
-18.4433

■ 102.5000, 17.9945,
-78.4915

■ 136.2160, 2.3585,
-9.8364

■ 98.6130, 19.9108,
-86.4836

■ 140.4020, 0.2948,
-1.2296

■ 144.8870, -1.9163,
7.9921

■ 149.0730, -3.9800,
16.5990

■ 153.3730, -5.6069,

25.1059

■ 157.5590, -7.6706,
33.7128

Harmonies

Analogous

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



121.7590, -1.3602, -30.4836



119.3580, 10.1765, -44.1640



120.2360, 18.6177, -44.9340

Triad

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



119.3580, 10.1765, -44.1640



132.6930, 12.4764, 11.6702



129.4960, -18.9785, 20.6130

Complementary

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



119.3580, 10.1765, -44.1640



90.6420, -10.1765, 44.1640

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.



131.0010, -14.7905, 30.6941



119.3580, 10.1765, -44.1640



133.0880, 3.4076, 27.1098

Square

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



119.3580, 10.1765, -44.1640



129.9830, 19.2354, -9.6321



132.3140, -6.0708, 33.9276



127.5110, -18.4929, 4.8139

Rectangle

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



119.3580, 10.1765, -44.1640



122.9750, 21.2113, -36.8121



132.3140, -6.0708, 33.9276



130.0450, -18.2632, 24.5165

Sweetspot

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



119.3580, 10.1765, -44.1640



175.5140, 3.6906, -17.1138



111.5630, -20.9836, -36.4508



86.9170, 2.5059, -10.4512



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



119.3580, 10.1765, -44.1640



150.2840, 15.6360, -68.6551



98.9270, 20.7420, -26.2460



68.9070, 1.0318, -4.3034



94.4070, 19.0263, -82.7949



5.6080, 1.1793, -4.9182

Inverse Universe

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



90.6420, -10.1765, 44.1640



105.6020, -16.0728, 68.7550



111.0730, -20.7420, 26.2460



66.0930, -1.0318, 4.3034



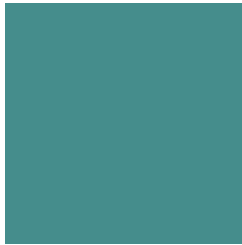
40.5930, -19.0263, 82.7949



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 119.3580, 10.1765, -44.1640 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 119.3580, 10.1765, -44.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

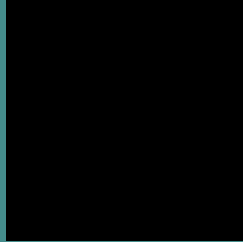
Any Text WCAG AA ✓ Pass

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 119.3580, 10.1765, -44.1640 Background



This preview shows how black text looks on a background with the YUV color 119.3580, 10.1765, -44.1640.



This preview shows how white text looks on a background with the YUV color 119.3580, 10.1765, -44.1640.

-44.1640.

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

119.3580, 10.1765, -44.1640

Protanopia

129.0540, 1.4524, 0.8296

Deuteranopia

130.6290, 6.0989, 3.8334



Tritanopia

120.6340, 14.9704, -41.7750

Trichromacy



Original Color

119.3580, 10.1765, -44.1640

Protanomaly

125.7530, 4.5588, -15.5694

Deuteranomaly

126.2740, 7.7529, -13.3953

Tritanomaly

120.4660, 13.0813, -42.5047

Monochromacy



Original Color

119.3580, 10.1765, -44.1640

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3580, 10.1765, -44.1640 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(69, 141, 140)` looks like.

```
.text, #text, p{  
  color:rgb(69, 141, 140)  
}
```

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(69, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 141, 140) }
```

Border

The CSS property to change the border of an element to YUV 119.3580, 10.1765, -44.1640 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(69, 141, 140) }
```


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

```
.border{ border-color:rgb(69, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(69, 141,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 119.3580, 10.1765, -44.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 141, 140) }
```

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

```
.background{ background-color: rgb(69, 141,  
140) }
```

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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