

Converting Colors

YUV(118.0430, 4.4158,
-63.1817)

Have a look what the booklet for
YUV(118.0430, 4.4158, -63.1817)
contains.

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Color

**YUV(118.0430, 4.4158,
-63.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	2E997F
RGB	46, 153, 127
RGB Percent	18%, 60%, 50%
CMY	0.8196, 0.4000, 0.5020
CMYK	0.70, 0.00, 0.17, 0.40
HSL	165°, 54%, 39%
HSV	165°, 70%, 60%
XYZ	16.3487, 24.8956, 24.0223
YIQ	118.0430, -55.4260, -30.7700

Conversions

Conversions Part 2

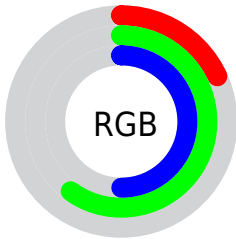
Format	Color
R_{YB}	46, 107, 153
Decimal	3053951
CIE _{Lab}	56.97, -36.47, 4.97
CIE _{LCh}	57, 36.809, 172.246
Y _{xy}	24.8956, 0.2505, 0.3814
Android (android.graphics.Color)	4281244031 (0xFF2E997F)
YUV	118.0430, 4.4158, -63.1817
Hunter-Lab	49.8955, -28.8300, 6.3815

Details

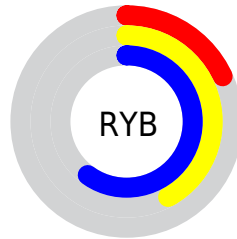
The YUV color **118.0430, 4.4158, -63.1817** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80.9570, -4.4158, 63.1817**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3100, 2.8052, -59.9079**, and **68.1790, 4.8418, -59.7930** is the 20% darker color. If you saturate the color by 10%, you get **113.1020, 4.8797, -72.0035**, and if you desaturate by 10%, it is **122.9840, 3.9519, -54.3600**.

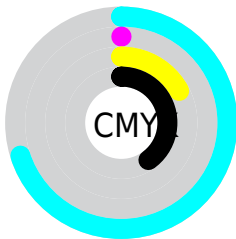
Distribution



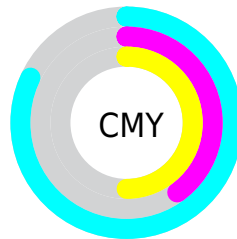
- Red (18%)
- Green (60%)
- Blue (50%)



- Red (18%)
- Yellow (42%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0430, 4.4158, -63.1817 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 118.0430, 4.4158, -63.1817 by changing the saturation by 10% instead.

■ 118.0430, 4.4158,
-63.1817

■ 118.0430, 4.4158,
-63.1817

■ 255.0000, 0.0000,
0.0000

■ 86.1770, 7.8007,
-75.5772

■ 174.3100, 2.8052,
-59.9079

■ 68.1790, 4.8418,
-59.7930

■ 203.0820, 1.9316,
-59.7079

■ 50.8820, 2.0302,
-44.6235

■ 225.2120, 4.8255,
-54.5599

■ 34.9870, -0.4866,
-30.6836

■ 236.1630, 9.2866,
-38.7310

■ 20.1520, -4.0189,
-17.6733

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 118.0430, 4.4158,
-63.1817

■ 118.0430, 4.4158,
-63.1817

■ 113.1020, 4.8797,
-72.0035

■ 122.9840, 3.9519,
-54.3600

■ 107.9760, 5.9278,
-81.5400

■ 128.1100, 2.9038,
-44.8235

■ 103.0350, 6.3917,
-90.3617

■ 133.0510, 2.4399,
-36.0017

■ 137.9920, 1.9759,
-27.1800

■ 143.2320, 1.3646,
-17.7435

■ 148.0590, 0.4639,
-8.8217

■ 153.0000, 0.0000,
0.0000

■ 157.9410, -0.4639,
8.8217

■ 163.0670, -1.5120,
18.3582

Harmonies

Analogous

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



126.8120, -15.1903, -27.8991



118.0430, 4.4158, -63.1817



108.0510, 25.6109, -94.7607

Triad

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



118.0430, 4.4158, -63.1817



137.8010, 28.6921, -9.4725



136.8580, -24.5800, 43.9745

Complementary

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



118.0430, 4.4158, -63.1817



80.9570, -4.4158, 63.1817

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.



137.9420, -11.8034, 52.6709



118.0430, 4.4158, -63.1817



141.0350, 17.2377, 24.5253

Square

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



118.0430, 4.4158, -63.1817



126.4860, 36.2424, -51.2922



140.0950, 2.9112, 46.3977



134.7280, -30.9249, 25.6715

Rectangle

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



118.0430, 4.4158, -63.1817



109.0430, 34.4888, -95.6307



140.0950, 2.9112, 46.3977



137.2160, -20.8125, 48.9226

Sweetspot

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



118.0430, 4.4158, -63.1817



185.3020, 1.8231, -24.8209



116.8820, -34.9448, -38.4845



91.1400, 0.9170, -14.1548



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



118.0430, 4.4158, -63.1817



144.3930, 6.7083, -98.5687



105.1580, 23.5861, -51.8816



74.3800, 0.3057, -4.7183



94.2640, 5.7858, -82.6695



8.7710, 0.6059, -7.6922

Inverse Universe

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



80.9570, -4.4158, 63.1817



86.4930, -7.1450, 98.6686



93.8420, -23.5861, 51.8816



71.6200, -0.3057, 4.7183



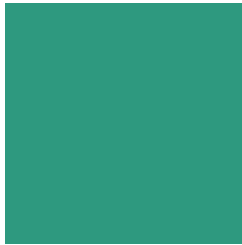
45.7360, -5.7858, 82.6695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 118.0430, 4.4158, -63.1817 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 118.0430, 4.4158, -63.1817 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 118.0430, 4.4158, -63.1817 Background



This preview shows how black text looks on a background with the YUV color 118.0430, 4.4158, -63.1817.



This preview shows how white text looks on a background with the YUV color 118.0430, 4.4158,

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

118.0430, 4.4158, -63.1817

Protanopia

135.1550, -8.4574, 6.0031

Deuteranopia

136.7950, -2.3639, 11.5808



Tritanopia

123.6540, 17.9186, -54.0706

Trichromacy



Original Color

118.0430, 4.4158, -63.1817

Protanomaly

129.1410, -4.0135, -19.4177

Deuteranomaly

129.9010, 0.0488, -15.6992

Tritanomaly

121.6660, 12.9827, -57.5891

Monochromacy



Original Color

118.0430, 4.4158, -63.1817

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1990, 1.3809, -22.9765

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0430, 4.4158, -63.1817 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, 153, 127)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 127)  
}
```

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, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 127) }
```

Border

The CSS property to change the border of an element to YUV 118.0430, 4.4158, -63.1817 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, 153, 127) }
```


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

```
.border{ border-color:rgb(46, 153, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 127);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 118.0430, 4.4158, -63.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 127) }
```

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

```
.background{ background-color: rgb(46, 153,  
127) }
```

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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