

Converting Colors

YUV(119.0080, 14.2931,
-57.8890)

Have a look what the booklet for
YUV(119.0080, 14.2931, -57.8890)
contains.

YUV(119.0080, 14.2931, -57.8890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.0080, 14.2931,
-57.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	359394
RGB	53, 147, 148
RGB Percent	21%, 58%, 58%
CMY	0.7922, 0.4235, 0.4196
CMYK	0.64, 0.01, 0.00, 0.42
HSL	181°, 47%, 39%
HSV	181°, 64%, 58%
XYZ	17.2472, 23.7624, 31.6946
YIQ	119.0080, -56.3450, -19.6170

Conversions

Conversions Part 2

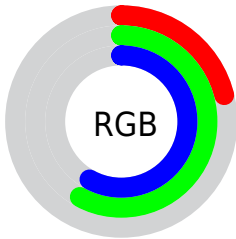
Format	Color
R_{YB}	53, 100, 148
Decimal	3511188
CIE _{Lab}	55.85, -26.62, -8.67
CIE _{LCh}	56, 27.999, 198.038
Yxy	23.7624, 0.2372, 0.3268
Android (android.graphics.Color)	4281701268 (0xFF359394)
YUV	119.0080, 14.2931, -57.8890
Hunter-Lab	48.7467, -22.1512, -4.4270

Details

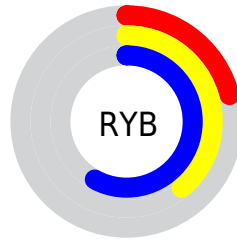
The YUV color **119.0080, 14.2931, -57.8890** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81.9920, -14.2931, 57.8890**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5030, 13.5560, -54.8151**, and **67.4100, 14.5879, -59.1186** is the 20% darker color. If you saturate the color by 10%, you get **114.5230, 16.5042, -67.1107**, and if you desaturate by 10%, it is **123.4930, 12.0820, -48.6674**.

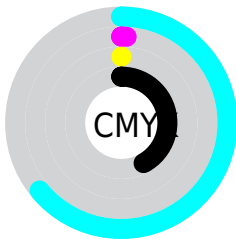
Distribution



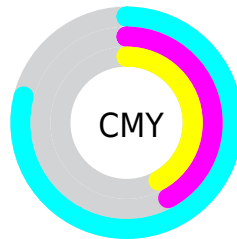
- Red (21%)
- Green (58%)
- Blue (58%)



- Red (21%)
- Yellow (39%)
- Blue (58%)



- Cyan (64%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (79%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0080, 14.2931, -57.8890 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 119.0080, 14.2931, -57.8890 by changing the saturation by 10% instead.

■ 119.0080, 14.2931,
-57.8890

■ 119.0080, 14.2931,
-57.8890

■ 255.0000, 0.0000,
0.0000

■ 88.2240, 16.6516,
-67.7254

■ 174.5030, 13.5560,
-54.8151

■ 67.4100, 14.5879,
-59.1186

■ 203.0900, 13.2666,
-55.3299

■ 50.7000, 11.4869,
-44.4639

■ 229.2860, 12.6770,
-52.8708

■ 34.5770, 8.0965,
-30.3240

■ 237.9570, 8.4022,
-35.0423

■ 21.0300, 4.4222,
-18.4433

■ 246.6280, 4.1274,
-17.2138

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 119.0080, 14.2931,
-57.8890

■ 119.0080, 14.2931,
-57.8890

■ 114.5230, 16.5042,
-67.1107

■ 123.4930, 12.0820,
-48.6674

■ 110.0380, 18.7153,
-76.3323

■ 127.9780, 9.8708,
-39.4457

■ 105.8520, 20.7790,
-84.9392

■ 132.1640, 7.8071,
-30.8388

■ 102.5740, 22.3950,
-89.9574

■ 137.2360, 5.3067,
-22.1320

■ 141.7210, 3.0955,
-12.9103

■ 146.2060, 0.8844,
-3.6887

■ 150.6910, -1.3267,
5.5330

■ 154.8770, -3.3904,
14.1399

■ 159.3620, -5.6015,
23.3615

Harmonies

Analogous

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



123.3450, -0.1701, -38.8906



119.0080, 14.2931, -57.8890



120.2280, 24.0446, -58.9590

Triad

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



119.0080, 14.2931, -57.8890



136.9970, 14.7915, 15.7886



133.0680, -23.2045, 22.7424

Complementary

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



119.0080, 14.2931, -57.8890



81.9920, -14.2931, 57.8890

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.



134.9370, -17.7169, 36.0123



119.0080, 14.2931, -57.8890



136.9470, 3.9701, 33.3725

Square

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



119.0080, 14.2931, -57.8890



134.1940, 22.5824, -9.8171



136.1900, -7.9817, 40.1754



131.0010, -21.6925, 4.3841

Rectangle

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



119.0080, 14.2931, -57.8890



124.8860, 26.1852, -45.5040



136.1900, -7.9817, 40.1754



133.7420, -22.0578, 28.2903

Sweetspot

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



119.0080, 14.2931, -57.8890



180.2360, 5.3067, -22.1320



108.7650, -27.4921, -48.9059



90.4220, 3.2430, -13.5251



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



119.0080, 14.2931, -57.8890



146.4600, 21.9582, -89.8574



92.0060, 27.6050, -34.2083



71.9070, 1.0318, -4.3034



95.5640, 20.9209, -83.8096



7.0100, 1.4741, -6.1478

Inverse Universe

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



92.1210, 27.0553, 49.0059



104.5970, 42.1037, 75.7754



109.5810, -27.8944, 33.6935



69.8910, 2.0257, 3.6036



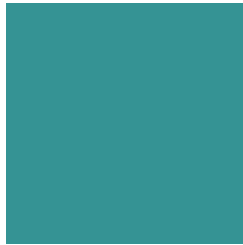
56.7660, 39.0624, 71.2422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 119.0080, 14.2931, -57.8890 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 119.0080, 14.2931, -57.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

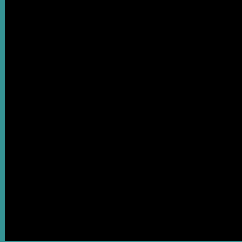
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0080, 14.2931, -57.8890

Background



This preview shows how black text looks on a background with the YUV color 119.0080, 14.2931, -57.8890.



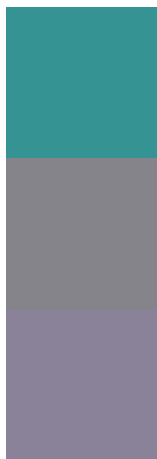
This preview shows how white text looks on a background with the YUV color 119.0080, 14.2931, -57.8890.

-57.8890.

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

119.0080, 14.2931, -57.8890

Protanopia

133.3960, 2.7628, 0.5297

Deuteranopia

134.6010, 8.5777, 2.1039



Tritanopia

120.9420, 17.7766, -55.2001

Trichromacy



Original Color

119.0080, 14.2931, -57.8890

Protanomaly

128.0020, 6.9010, -20.1728

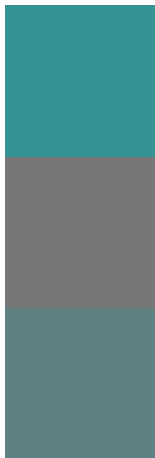
Deuteranomaly

128.7400, 10.9742, -19.9430

Tritanomaly

120.0020, 16.7610, -56.1298

Monochromacy



Original Color

119.0080, 14.2931, -57.8890

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9480, 5.4486, -21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0080, 14.2931, -57.8890 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(53, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(53, 147, 148)  
}
```

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(53, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 147, 148) }
```

Border

The CSS property to change the border of an element to YUV 119.0080, 14.2931, -57.8890 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(53, 147, 148) }
```


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

```
.border{ border-color:rgb(53, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(53, 147,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 119.0080, 14.2931, -57.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 147, 148) }
```

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

```
.background{ background-color: rgb(53, 147,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor