

Converting Colors

YUV(118.3890, 13.1192,
-54.7152)

Have a look what the booklet for
YUV(118.3890, 13.1192, -54.7152)
contains.

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Color

**YUV(118.3890, 13.1192,
-54.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	389191
RGB	56, 145, 145
RGB Percent	22%, 57%, 57%
CMY	0.7804, 0.4314, 0.4314
CMYK	0.61, 0.00, 0.00, 0.43
HSL	180°, 44%, 39%
HSV	180°, 61%, 57%
XYZ	16.8671, 23.1359, 30.3647
YIQ	118.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

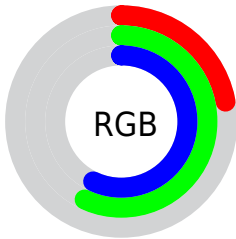
Format	Color
RYB	56, 101, 145
Decimal	3707281
CIELab	55.21, -25.97, -7.89
CIELCh	55, 27.143, 196.894
Yxy	23.1359, 0.2397, 0.3288
Android (android.graphics.Color)	4281897361 (0xFF389191)
YUV	118.3890, 13.1192, -54.7152
Hunter-Lab	48.0998, -21.5801, -3.7591

Details

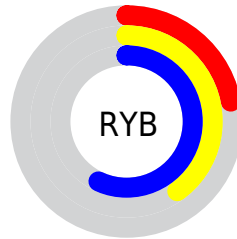
The YUV color **118.3890, 13.1192, -54.7152** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **82.6110, -13.1192, 54.7152**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5850, 12.5296, -52.2560**, and **66.0080, 14.2931, -57.8890** is the 20% darker color. If you saturate the color by 10%, you get **114.2030, 15.1829, -63.3220**, and if you desaturate by 10%, it is **122.5750, 11.0555, -46.1083**.

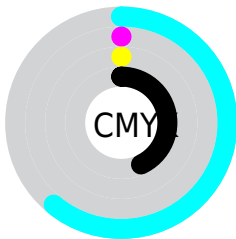
Distribution



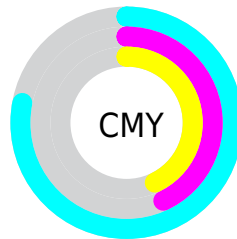
- Red (22%)
- Green (57%)
- Blue (57%)



- Red (22%)
- Yellow (40%)
- Blue (57%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (78%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3890, 13.1192, -54.7152 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 118.3890, 13.1192, -54.7152 by changing the saturation by 10% instead.

■ 118.3890, 13.1192,
-54.7152

■ 118.3890, 13.1192,
-54.7152

■ 255.0000, 0.0000,
0.0000

■ 89.3990, 14.5933,
-60.8629

■ 173.5850, 12.5296,
-52.2560

■ 66.0080, 14.2931,
-57.8890

■ 201.5850, 12.5296,
-52.2560

■ 49.1840, 10.7553,
-43.1344

■ 229.5850, 12.5296,
-52.2560

■ 33.1750, 7.8017,
-29.0945

■ 238.2560, 8.2548,
-34.4275

■ 19.6280, 4.1274,
-17.2138

■ 246.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,
0.0000

■ 118.3890, 13.1192,
-54.7152

■ 118.3890, 13.1192,
-54.7152

■ 114.2030, 15.1829,
-63.3220

■ 122.5750, 11.0555,
-46.1083

■ 109.7180, 17.3940,
-72.5437

■ 127.0600, 8.8444,
-36.8866

■ 105.2330, 19.6051,
-81.7653

■ 131.2460, 6.7807,
-28.2797

■ 101.6450, 21.3740,
-89.1427

■ 135.7310, 4.5696,
-19.0581

■ 140.2160, 2.3585,
-9.8364

■ 144.4020, 0.2948,
-1.2296

■ 148.8870, -1.9163,
7.9921

■ 153.0730, -3.9800,

16.5990

■ 157.5580, -6.1911,
25.8206

Harmonies

Analogous

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



122.2420, -0.6123, -37.0462



118.3890, 13.1192, -54.7152



119.3100, 23.0182, -56.3999

Triad

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



118.3890, 13.1192, -54.7152



135.1710, 14.2127, 14.7590



131.7090, -22.0415, 23.0572

Complementary

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



118.3890, 13.1192, -54.7152



82.6110, -13.1192, 54.7152

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.



132.8660, -16.6959, 35.1975



118.3890, 13.1192, -54.7152



135.9360, 3.9756, 31.6281

Square

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



118.3890, 13.1192, -54.7152



132.6670, 21.8562, -10.2320



134.7060, -7.2501, 38.8458



129.5280, -20.9663, 4.7989

Rectangle

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



118.3890, 13.1192, -54.7152



123.9570, 25.1642, -44.6893



134.7060, -7.2501, 38.8458



131.9700, -21.1842, 28.0903

Sweetspot

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



118.3890, 13.1192, -54.7152



178.8340, 5.0118, -20.9024



108.2430, -25.7558, -45.8171



88.0200, 2.9481, -12.2955



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.3890, 13.1192, -54.7152



147.1400, 20.6370, -86.0688



91.9740, 26.1418, -31.5492



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



92.7570, 25.7558, 45.8171



106.8200, 40.5147, 72.0719



108.4390, -25.8524, 32.0640



66.8910, 2.0257, 3.6036



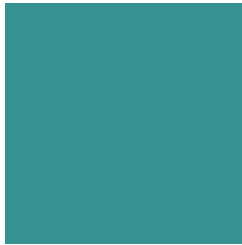
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 118.3890, 13.1192, -54.7152 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 118.3890, 13.1192, -54.7152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

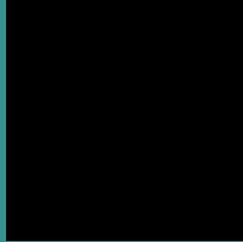
Any Text WCAG AA ✓ Pass

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 118.3890, 13.1192, -54.7152 Background



This preview shows how black text looks on a background with the YUV color 118.3890, 13.1192, -54.7152.



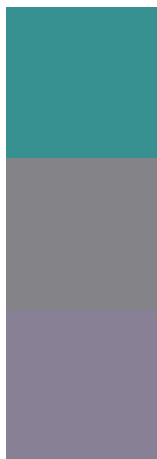
This preview shows how white text looks on a background with the YUV color 118.3890, 13.1192, -54.7152.

-54.7152.

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

118.3890, 13.1192, -54.7152

Protanopia

131.8690, 2.0366, 0.1149

Deuteranopia

132.7860, 7.9935, 2.8187



Tritanopia

119.8500, 17.3290, -51.6114

Trichromacy



Original Color

118.3890, 13.1192, -54.7152

Protanomaly

126.7740, 6.0274, -19.9728

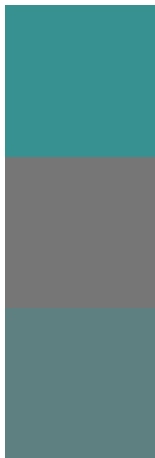
Deuteranomaly

127.5230, 10.0952, -17.9987

Tritanomaly

119.3830, 15.5872, -52.9559

Monochromacy



Original Color

118.3890, 13.1192, -54.7152

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3890, 13.1192, -54.7152 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(56, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(56, 145, 145)  
}
```

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(56, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 145, 145) }
```

Border

The CSS property to change the border of an element to YUV 118.3890, 13.1192, -54.7152 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(56, 145, 145) }
```


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

```
.border{ border-color:rgb(56, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(56, 145,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 118.3890, 13.1192, -54.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 145, 145) }
```

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

```
.background{ background-color: rgb(56, 145,  
145) }
```

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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