

Converting Colors

YUV(150.5830, 18.9396,
-54.8853)

Have a look what the booklet for
YUV(150.5830, 18.9396, -54.8853)
contains.

YUV(150.5830, 18.9396, -54.8853)	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(150.5830, 18.9396,
-54.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	58AFBD
RGB	88, 175, 189
RGB Percent	35%, 69%, 74%
CMY	0.6549, 0.3137, 0.2588
CMYK	0.53, 0.07, 0.00, 0.26
HSL	188°, 43%, 54%
HSV	188°, 53%, 74%
XYZ	28.5398, 36.4088, 53.6675
YIQ	150.5830, -56.3460, -14.0900

Conversions

Conversions Part 2

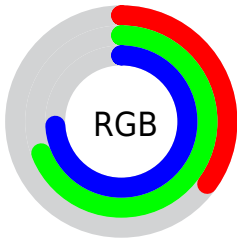
Format	Color
R _Y B	88, 135, 189
Decimal	5812157
CIE Lab	66.83, -22.21, -15.17
CIE LCh	67, 26.900, 214.333
Yxy	36.4088, 0.2406, 0.3069
Android (android.graphics.Color)	4284002237 (0xFF58AFBD)
YUV	150.5830, 18.9396, -54.8853
Hunter-Lab	60.3397, -21.1666, -10.4961

Details

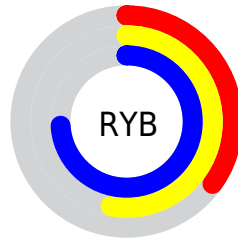
The YUV color **150.5830, 18.9396, -54.8853** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **126.4170, -18.9396, 54.8853**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8820, 18.7922, -54.2705**, and **92.7990, 21.2981, -64.7217** is the 20% darker color. If you saturate the color by 10%, you get **143.1410, 22.6085, -65.0217**, and if you desaturate by 10%, it is **158.0250, 15.2707, -44.7489**.

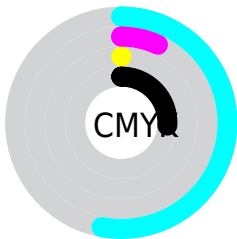
Distribution



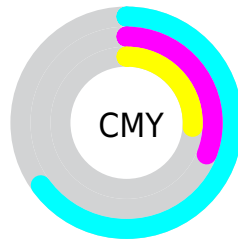
- Red (35%)
- Green (69%)
- Blue (74%)



- Red (35%)
- Yellow (53%)
- Blue (74%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (65%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5830, 18.9396, -54.8853 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 150.5830, 18.9396, -54.8853 by changing the saturation by 10% instead.

■ 150.5830, 18.9396,
-54.8853

■ 150.5830, 18.9396,
-54.8853

■ 255.0000, 0.0000,
0.0000

■ 122.6860, 19.3818,
-56.7296

■ 206.8820, 18.7922,
-54.2705

■ 92.7990, 21.2981,
-64.7217

■ 230.7810, 11.9400,
-49.7969

■ 69.4790, 19.9769,
-60.9331

■ 239.4520, 7.6652,
-31.9684

■ 52.6550, 16.4391,
-46.1784

■ 248.1230, 3.3904,
-14.1399

■ 36.5320, 13.0487,
-32.0386

■ 22.8710, 8.9376,
-20.0579

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 150.5830, 18.9396,
-54.8853

■ 150.5830, 18.9396,
-54.8853

■ 143.1410, 22.6085,
-65.0217

■ 158.0250, 15.2707,
-44.7489

■ 136.2860, 25.9880,
-75.6728

■ 164.8800, 11.8912,
-34.0978

■ 128.8440, 29.6569,
-85.8092

■ 172.3220, 8.2223,
-23.9614

■ 121.9890, 33.0364,
-96.4604

■ 179.1770, 4.8427,
-13.3102

■ 117.2270, 35.3841,
-102.8081

■ 186.6190, 1.1738,
-3.1739

■ 193.7620, -2.3477,
6.3477

■ 200.6170, -5.7272,
16.9989

■ 208.0590, -9.3961,
27.1353

■ 214.6040,
-12.6228, 35.4273

Harmonies

Analogous

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



151.4240, 6.6930, -46.8528



150.5830, 18.9396, -54.8853



154.9570, 25.1642, -44.6893

Triad

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



150.5830, 18.9396, -54.8853



166.7550, 8.5018, 26.5249



160.7140, -23.0300, 13.4058

Complementary

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



150.5830, 18.9396, -54.8853



126.4170, -18.9396, 54.8853

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.



163.2800, -21.3370, 30.4494



150.5830, 18.9396, -54.8853



166.1450, -3.0295, 38.4608

Square

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



150.5830, 18.9396, -54.8853



165.2560, 18.6078, 5.0375



164.5830, -14.0914, 39.8307



157.9610, -17.7288, -6.9818

Rectangle

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



150.5830, 18.9396, -54.8853



158.7570, 25.2628, -29.6049



164.5830, -14.0914, 39.8307



161.4590, -22.9043, 19.7685

Sweetspot

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



150.5830, 18.9396, -54.8853



229.8170, 7.4852, -20.8875



148.7690, -23.5501, -53.2944



113.3620, 4.2585, -12.5955



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



150.5830, 18.9396, -54.8853



185.1430, 29.5095, -85.1944



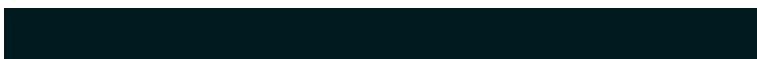
121.2330, 33.4091, -29.1453



90.7220, 1.6161, -5.0182



97.8440, 29.6569, -85.8092



18.7960, 6.0166, -16.4841

Inverse Universe

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



128.1170, 23.1133, 53.3944



150.3330, 35.8248, 83.0230



155.7670, -33.4091, 29.1453



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 150.5830, 18.9396, -54.8853 looks on a white background.

Color Contrast Check

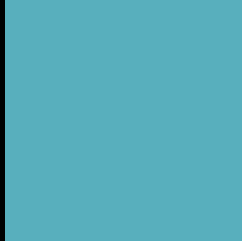
Large Text (above 18pt) WCAG AA × Fail

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 150.5830, 18.9396, -54.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

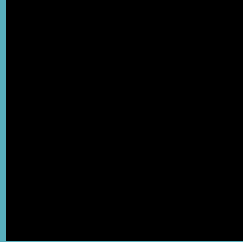
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.5830, 18.9396, -54.8853 Background



This preview shows how black text looks on a background with the YUV color 150.5830, 18.9396, -54.8853.



This preview shows how white text looks on a background with the YUV color 150.5830, 18.9396, -54.8853.

-54.8853.

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

150.5830, 18.9396, -54.8853

Protanopia

161.9810, 8.8834, -2.6143

Deuteranopia

163.1860, 14.6983, -1.0401



Tritanopia

150.5830, 18.9396, -54.8853

Trichromacy



Original Color

150.5830, 18.9396, -54.8853

Protanomaly

157.4840, 12.5794, -21.4725

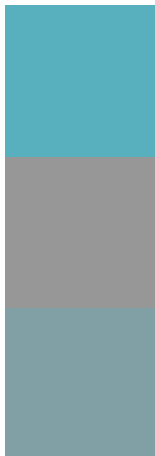
Deuteranomaly

158.5210, 16.5051, -20.6279

Tritanomaly

150.5830, 18.9396, -54.8853

Monochromacy



Original Color

150.5830, 18.9396, -54.8853

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0020, 6.9010, -20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5830, 18.9396, -54.8853 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(88, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(88, 175, 189)  
}
```

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(88, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 175, 189) }
```

Border

The CSS property to change the border of an element to YUV 150.5830, 18.9396, -54.8853 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(88, 175, 189) }
```


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

```
.border{ border-color:rgb(88, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(88, 175,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 150.5830, 18.9396, -54.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 175, 189) }
```

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

```
.background{ background-color: rgb(88, 175,  
189) }
```

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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