

Converting Colors

YUV(151.8540, 1.0580,
-59.5080)

Have a look what the booklet for
YUV(151.8540, 1.0580, -59.5080)
contains.

YUV(151.8540, 1.0580, -59.5080)	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(151.8540, 1.0580,
-59.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	54BA9A
RGB	84, 186, 154
RGB Percent	33%, 73%, 60%
CMY	0.6706, 0.2706, 0.3961
CMYK	0.55, 0.00, 0.17, 0.27
HSL	161°, 42%, 53%
HSV	161°, 55%, 73%
XYZ	27.0478, 39.3357, 36.7388
YIQ	151.8540, -50.5200, -31.5760

Conversions

Conversions Part 2

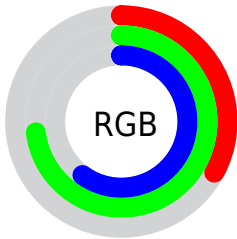
Format	Color
RYB	84, 144, 186
Decimal	5552794
CIELab	68.99, -37.47, 7.30
CIElCh	69, 38.180, 168.970
Yxy	39.3357, 0.2623, 0.3814
Android (android.graphics.Color)	4283742874 (0xFF54BA9A)
YUV	151.8540, 1.0580, -59.5080
Hunter-Lab	62.7182, -32.7771, 9.1721

Details

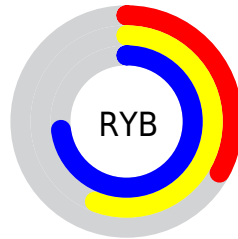
The YUV color **151.8540, 1.0580, -59.5080** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **118.1460, -1.0580, 59.5080**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5120, -0.2524, -59.2080**, and **92.8140, 5.0217, -70.8739** is the 20% darker color. If you saturate the color by 10%, you get **145.4890, 1.2379, -70.5889**, and if you desaturate by 10%, it is **158.2190, 0.8780, -48.4271**.

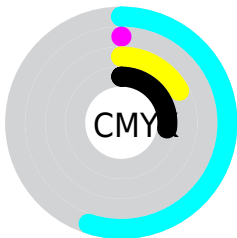
Distribution



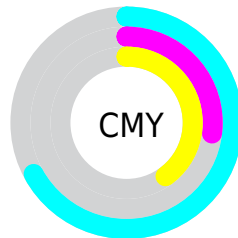
- Red (33%)
- Green (73%)
- Blue (60%)



- Red (33%)
- Yellow (56%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8540, 1.0580, -59.5080 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 151.8540, 1.0580, -59.5080 by changing the saturation by 10% instead.

■ 151.8540, 1.0580,
-59.5080

■ 151.8540, 1.0580,
-59.5080

255.0000, 0.0000,
0.0000

■ 124.0710, 1.9370,
-61.4523

■ 208.5120, -0.2524,
-59.2080

■ 92.8140, 5.0217,
-70.8739

■ 227.5330, 4.6672,
-50.4564

■ 71.2280, 3.8316,
-62.4670

■ 238.2560, 8.2548,
-34.4275

■ 53.9310, 1.0200,
-47.2975

■ 246.9270, 3.9800,
-16.5990

■ 37.4490, -1.2074,
-32.8428

■ 23.2010, -5.0291,
-20.3473

■ 0.0000, 0.0000,

0.0000

■ 151.8540, 1.0580,
-59.5080

■ 151.8540, 1.0580,
-59.5080

■ 145.4890, 1.2379,
-70.5889

■ 158.2190, 0.8780,
-48.4271

■ 139.4230, 1.2705,
-81.0550

■ 164.2850, 0.8455,
-37.9609

■ 133.0580, 1.4504,
-92.1359

■ 170.6500, 0.6656,
-26.8800

■ 127.1060, 1.9197,
-102.7020

■ 176.6020, 0.1962,
-16.3140

■ 123.7740, 2.0834,
-108.5498

■ 182.9670, 0.0163,
-5.2331

■ 189.3320, -0.1637,
5.8478

■ 195.3980, -0.1962,
16.3140

■ 201.7630, -0.3762,
27.3948

■ 207.8290, -0.4087,
37.8610

Harmonies

Analogous

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



159.0250, -18.2533, -25.4549



151.8540, 1.0580, -59.5080



139.2030, 25.0429, -99.2790

Triad

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



151.8540, 1.0580, -59.5080



168.6910, 32.1973, -13.7610



169.0760, -25.1805, 49.9223

Complementary

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



151.8540, 1.0580, -59.5080



118.1460, -1.0580, 59.5080

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.



170.7900, -11.2355, 57.1892



151.8540, 1.0580, -59.5080



173.1210, 20.1533, 22.6959

Square

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



151.8540, 1.0580, -59.5080



158.3220, 38.2953, -56.4104



172.6760, 5.0897, 47.6421



166.8920, -32.9778, 30.7897

Rectangle

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



151.8540, 1.0580, -59.5080



132.6490, 38.6270, -116.3332



172.6760, 5.0897, 47.6421



169.8360, -21.1181, 53.6408

Sweetspot

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



151.8540, 1.0580, -59.5080



228.9710, 0.5073, -22.7766



153.4420, -34.2349, -32.8366



114.3250, 0.3328, -13.4400



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.



151.8540, 1.0580, -59.5080



188.4600, 1.7452, -93.3654



144.3490, 20.5339, -52.9261



88.9670, 0.0163, -5.2331



103.7700, 1.5924, -91.0063



18.6020, 0.1962, -16.3140

Inverse Universe

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



118.1460, -1.0580, 59.5080



135.6540, -1.3084, 93.2654



125.6510, -20.5339, 52.9261



86.0330, -0.0163, 5.2331



52.2300, -1.5924, 91.0063



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 151.8540, 1.0580, -59.5080 looks on a white background.

Color Contrast Check

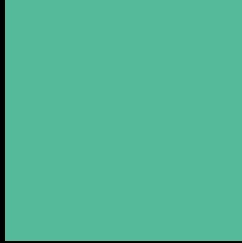
Large Text (above 18pt) WCAG AA × Fail

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 151.8540, 1.0580, -59.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

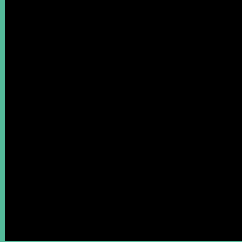
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.8540, 1.0580, -59.5080

Background



This preview shows how black text looks on a background with the YUV color 151.8540, 1.0580, -59.5080.



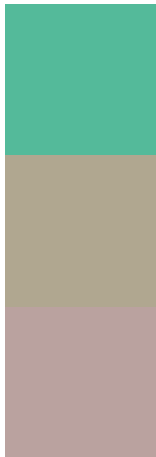
This preview shows how white text looks on a background with the YUV color 151.8540, 1.0580,

-59.5080.

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

151.8540, 1.0580, -59.5080

Protanopia

167.0690, -11.3730, 7.8325

Deuteranopia

168.8340, -4.8482, 15.0546



Tritanopia

156.8930, 18.7868, -52.5262

Trichromacy



Original Color

151.8540, 1.0580, -59.5080

Protanomaly

161.7670, -6.7871, -16.4587

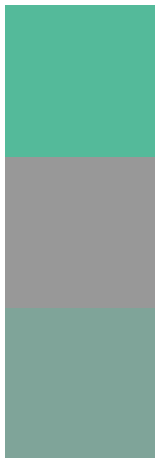
Deuteranomaly

162.8260, -2.8722, -12.1254

Tritanomaly

154.8620, 12.3930, -55.1300

Monochromacy



Original Color

151.8540, 1.0580, -59.5080

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6830, 0.6493, -21.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8540, 1.0580, -59.5080 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(84, 186, 154)` looks like.

```
.text, #text, p{  
    color:rgb(84, 186, 154)  
}
```

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(84, 186, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 186, 154) }
```

Border

The CSS property to change the border of an element to YUV 151.8540, 1.0580, -59.5080 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(84, 186, 154) }
```


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

```
.border{ border-color:rgb(84, 186, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 186, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 186, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 186, 154);  
box-shadow:4px 4px 4px 4px rgb(84, 186,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 151.8540, 1.0580, -59.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 186, 154) }
```

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

```
.background{ background-color: rgb(84, 186,  
154) }
```

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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