

Converting Colors

YUV(154.2360, 15.1667,
-58.0890)

Have a look what the booklet for
YUV(154.2360, 15.1667, -58.0890)
contains.

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Color

**YUV(154.2360, 15.1667,
-58.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	58B6B9
RGB	88, 182, 185
RGB Percent	35%, 71%, 73%
CMY	0.6549, 0.2863, 0.2745
CMYK	0.52, 0.02, 0.00, 0.27
HSL	182°, 41%, 54%
HSV	182°, 52%, 73%
XYZ	29.5094, 39.0334, 51.8778
YIQ	154.2360, -56.9870, -18.9950

Conversions

Conversions Part 2

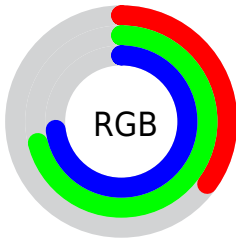
Format	Color
RYB	88, 136, 185
Decimal	5813945
CIELab	68.78, -26.84, -10.04
CIElCh	69, 28.662, 200.513
Yxy	39.0334, 0.2451, 0.3241
Android (android.graphics.Color)	4284004025 (0xFF58B6B9)
YUV	154.2360, 15.1667, -58.0890
Hunter-Lab	62.4767, -25.0239, -5.4980

Details

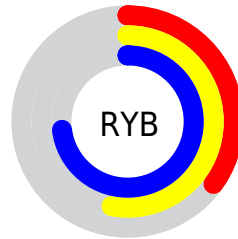
The YUV color **154.2360, 15.1667, -58.0890** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **118.7640, -15.1667, 58.0890**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5350, 15.0192, -57.4742**, and **96.1530, 17.6726, -68.5402** is the 20% darker color. If you saturate the color by 10%, you get **148.2670, 18.1094, -68.6402**, and if you desaturate by 10%, it is **160.5040, 12.0765, -46.9230**.

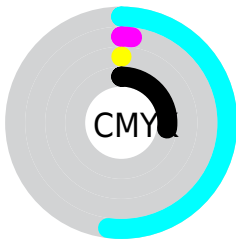
Distribution



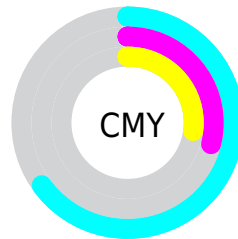
- Red (35%)
- Green (71%)
- Blue (73%)



- Red (35%)
- Yellow (53%)
- Blue (73%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (65%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2360, 15.1667, -58.0890 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 154.2360, 15.1667, -58.0890 by changing the saturation by 10% instead.

■ 154.2360, 15.1667,
-58.0890

■ 154.2360, 15.1667,
-58.0890

■ 255.0000, 0.0000,
0.0000

■ 126.3390, 15.6089,
-59.9333

■ 210.5350, 15.0192,
-57.4742

■ 96.1530, 17.6726,
-68.5402

■ 230.7810, 11.9400,
-49.7969

■ 72.6590, 16.9301,
-63.7219

■ 239.4520, 7.6652,
-31.9684

■ 55.8350, 13.3923,
-48.9673

■ 248.4220, 3.2430,
-13.5251

■ 39.1250, 10.2914,
-34.3126

■ 24.8770, 6.4696,
-21.8171

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 154.2360, 15.1667,
-58.0890

■ 154.2360, 15.1667,
-58.0890

■ 148.2670, 18.1094,
-68.6402

■ 160.5040, 12.0765,
-46.9230

■ 142.5860, 20.9101,
-80.3209

■ 165.8860, 9.4232,
-35.8570

■ 136.6170, 23.8528,
-90.8721

■ 172.1540, 6.3331,
-24.6911

■ 130.9360, 26.6536,
-102.5529

■ 177.5360, 3.6798,
-13.6251

■ 126.1630, 29.0066,
-110.6450

■ 183.8040, 0.5896,
-2.4591

■ 189.1860, -2.0637,
8.6069

■ 195.4540, -5.1538,
19.7728

■ 201.4230, -8.0965,
30.3240

■ 206.8050,
-10.7499, 41.3900

Harmonies

Analogous

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



157.4370, 0.2776, -42.4792



154.2360, 15.1667, -58.0890



156.1790, 25.0548, -56.2850

Triad

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



154.2360, 15.1667, -58.0890



171.6060, 14.4912, 18.7625



167.0250, -24.6623, 23.6571

Complementary

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



154.2360, 15.1667, -58.0890



118.7640, -15.1667, 58.0890

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.



169.0790, -19.7589, 37.6417



154.2360, 15.1667, -58.0890



171.6270, 2.6489, 37.1611

Square

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



154.2360, 15.1667, -58.0890



168.7320, 23.3031, -7.6580



170.4570, -9.5923, 43.4492



164.7620, -22.5607, 2.8397

Rectangle

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



154.2360, 15.1667, -58.0890



160.5380, 27.3428, -43.4448



170.4570, -9.5923, 43.4492



167.5850, -23.9524, 29.3050

Sweetspot

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



154.2360, 15.1667, -58.0890



227.7520, 6.0383, -23.4615



145.1670, -27.1973, -50.1355



112.5360, 3.6798, -13.6251



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



154.2360, 15.1667, -58.0890



191.9160, 23.7054, -90.2573



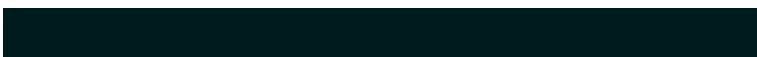
126.6470, 28.7680, -33.8934



89.3090, 1.3267, -5.5330



106.4210, 24.4424, -93.3312



19.0410, 4.4168, -16.6990

Inverse Universe

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



127.7190, 26.7605, 50.2354



150.7930, 41.5141, 78.2345



146.3530, -28.7680, 33.8934



86.7170, 2.6045, 4.6332



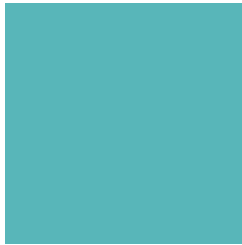
63.8580, 42.9610, 80.8085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 154.2360, 15.1667, -58.0890 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 154.2360, 15.1667, -58.0890 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

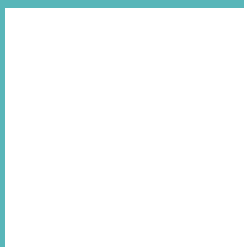
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.2360, 15.1667, -58.0890

Background



This preview shows how black text looks on a background with the YUV color 154.2360, 15.1667, -58.0890.



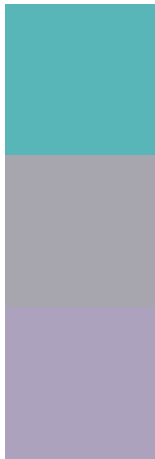
This preview shows how white text looks on a background with the YUV color 154.2360, 15.1667, -58.0890.

-58.0890.

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

154.2360, 15.1667, -58.0890

Protanopia

167.3250, 3.7838, -0.2850

Deuteranopia

168.0680, 10.3195, 3.4484



Tritanopia

155.3980, 19.5238, -55.6000

Trichromacy



Original Color

154.2360, 15.1667, -58.0890

Protanomaly

162.6320, 8.0694, -21.6023

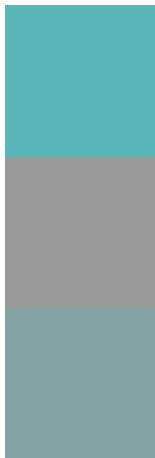
Deuteranomaly

162.7940, 12.4266, -19.1133

Tritanomaly

155.2300, 17.6346, -56.3297

Monochromacy



Original Color

154.2360, 15.1667, -58.0890

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9480, 5.4486, -21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2360, 15.1667, -58.0890 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, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(88, 182, 185)  
}
```

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, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 182, 185) }
```

Border

The CSS property to change the border of an element to YUV 154.2360, 15.1667, -58.0890 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, 182, 185) }
```


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

```
.border{ border-color:rgb(88, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(88, 182,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 154.2360, 15.1667, -58.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 182, 185) }
```

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

```
.background{ background-color: rgb(88, 182,  
185) }
```

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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