

Converting Colors

YUV(147.5610, 18.9504,
-58.3740)

Have a look what the booklet for
YUV(147.5610, 18.9504, -58.3740)
contains.

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Color

**YUV(147.5610, 18.9504,
-58.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	51AEBA
RGB	81, 174, 186
RGB Percent	32%, 68%, 73%
CMY	0.6824, 0.3176, 0.2706
CMYK	0.56, 0.06, 0.00, 0.27
HSL	187°, 43%, 52%
HSV	187°, 56%, 73%
XYZ	27.3923, 35.5666, 51.8757
YIQ	147.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

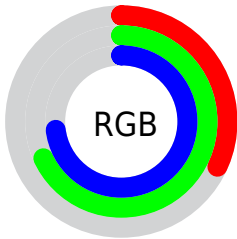
Format	Color
R _Y B	81, 130, 186
Decimal	5353146
CIE Lab	66.19, -23.99, -14.50
CIE LCh	66, 28.032, 211.158
Yxy	35.5666, 0.2385, 0.3097
Android (android.graphics.Color)	4283543226 (0xFF51AEBA)
YUV	147.5610, 18.9504, -58.3740
Hunter-Lab	59.6377, -22.3789, -9.8268

Details

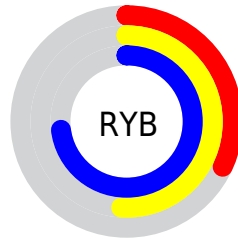
The YUV color **147.5610, 18.9504, -58.3740** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **119.4390, -18.9504, 58.3740**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1590, 18.6556, -57.1444**, and **86.1890, 23.0778, -75.5878** is the 20% darker color. If you saturate the color by 10%, you get **140.7060, 22.3299, -69.0252**, and if you desaturate by 10%, it is **154.4160, 15.5709, -47.7228**.

Distribution



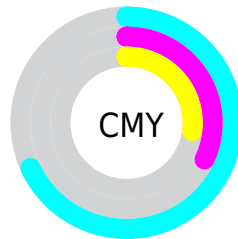
- Red (32%)
- Green (68%)
- Blue (73%)



- Red (32%)
- Yellow (51%)
- Blue (73%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5610, 18.9504, -58.3740 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 147.5610, 18.9504, -58.3740 by changing the saturation by 10% instead.

■ 147.5610, 18.9504,
-58.3740

■ 147.5610, 18.9504,
-58.3740

■ 255.0000, 0.0000,
0.0000

■ 119.0660, 19.6875,
-61.4479

■ 204.1590, 18.6556,
-57.1444

■ 86.1890, 23.0778,
-75.5878

■ 228.9870, 12.8244,
-53.4856

■ 68.6640, 19.3926,
-60.2183

■ 237.6580, 8.5496,
-35.6571

■ 51.7260, 15.4181,
-45.3637

■ 246.6280, 4.1274,
-17.2138

■ 35.6030, 12.0277,
-31.2238

■ 21.9420, 7.9166,
-19.2431

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 147.5610, 18.9504,
-58.3740

■ 147.5610, 18.9504,
-58.3740

■ 140.7060, 22.3299,
-69.0252

■ 154.4160, 15.5709,
-47.7228

■ 134.1500, 25.5620,
-79.0616

■ 160.9720, 12.3388,
-37.6864

■ 127.2950, 28.9416,
-89.7127

■ 167.8270, 8.9593,
-27.0353

■ 120.1520, 32.4631,
-99.2343

■ 174.9700, 5.4378,
-17.5137

■ 118.0590, 33.4949,
-103.5377

■ 181.8250, 2.0583,
-6.8625

■ 188.6800, -1.3212,
3.7886

■ 195.2360, -4.5533,
13.8250

■ 202.0910, -7.9329,
24.4762

■ 208.6470,
-11.1650, 34.5126

Harmonies

Analogous

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



149.4840, 5.6774, -47.7825



147.5610, 18.9504, -58.3740



151.7500, 25.7592, -48.8927

Triad

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



147.5610, 18.9504, -58.3740



164.9120, 10.3964, 25.5102



159.7960, -24.0564, 15.9649

Complementary

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



147.5610, 18.9504, -58.3740



119.4390, -18.9504, 58.3740

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.



161.5900, -21.4899, 32.8086



147.5610, 18.9504, -58.3740



164.1990, -1.5771, 39.2905

Square

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



147.5610, 18.9504, -58.3740



163.2880, 20.0710, 2.3784



162.8220, -13.2232, 41.3751



156.5160, -19.4814, -4.8375

Rectangle

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



147.5610, 18.9504, -58.3740



156.3650, 26.4421, -34.5231



162.8220, -13.2232, 41.3751



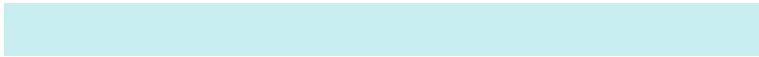
160.4270, -24.3675, 22.4275

Sweetspot

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



147.5610, 18.9504, -58.3740



227.3930, 7.2013, -23.1467



143.7750, -26.0181, -55.0537



113.6500, 4.1166, -13.7250



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.



147.5610, 18.9504, -58.3740



181.8110, 29.6732, -91.0422



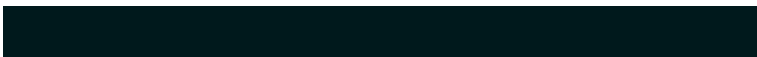
117.6240, 33.7094, -32.1192



88.7220, 1.6161, -5.0182



98.7900, 28.2045, -86.6388



17.8670, 4.9956, -15.6694

Inverse Universe

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



122.9970, 25.1445, 55.2536



143.5660, 39.1610, 86.3266



149.3760, -33.7094, 32.1192



86.6030, 2.1677, 4.7332



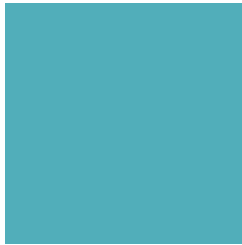
62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 147.5610, 18.9504, -58.3740 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 147.5610, 18.9504, -58.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

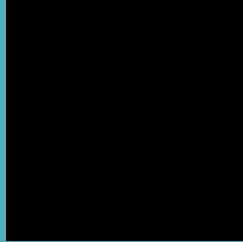
Any Text WCAG AA ✓ Pass

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 147.5610, 18.9504, -58.3740 Background



This preview shows how black text looks on a background with the YUV color 147.5610, 18.9504, -58.3740.



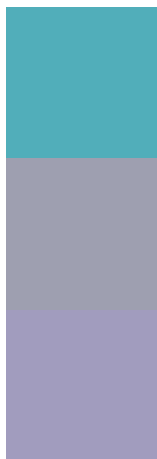
This preview shows how white text looks on a background with the YUV color 147.5610, 18.9504, -58.3740.

-58.3740.

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

147.5610, 18.9504, -58.3740

Protanopia

160.6390, 7.5730, -2.3144

Deuteranopia

161.3710, 14.1141, -0.3254



Tritanopia

148.0880, 19.6766, -57.9592

Trichromacy



Original Color

147.5610, 18.9504, -58.3740

Protanomaly

155.6580, 12.0006, -22.5021

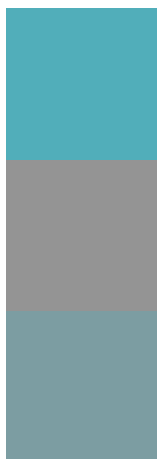
Deuteranomaly

156.6950, 15.9264, -21.6575

Tritanomaly

147.9740, 19.2398, -57.8592

Monochromacy



Original Color

147.5610, 18.9504, -58.3740

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.7030, 7.0484, -20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5610, 18.9504, -58.3740 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(81, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(81, 174, 186)  
}
```

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(81, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 174, 186) }
```

Border

The CSS property to change the border of an element to YUV 147.5610, 18.9504, -58.3740 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(81, 174, 186) }
```


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

```
.border{ border-color:rgb(81, 174, 186) }
```

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

Here you see how a box with a 4 pixel rgb(81, 174, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(81, 174,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 147.5610, 18.9504, -58.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 174, 186) }
```

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

```
.background{ background-color: rgb(81, 174,  
186) }
```

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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