

Converting Colors

YUV(116.5610, 18.9504,
-58.3740)

Have a look what the booklet for
YUV(116.5610, 18.9504, -58.3740)
contains.

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Color

**YUV(116.5610, 18.9504,
-58.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	328F9B
RGB	50, 143, 155
RGB Percent	20%, 56%, 61%
CMY	0.8039, 0.4392, 0.3922
CMYK	0.68, 0.08, 0.00, 0.39
HSL	187°, 51%, 40%
HSV	187°, 68%, 61%
XYZ	17.0542, 22.6896, 34.4910
YIQ	116.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

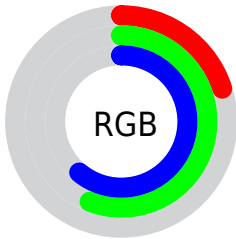
Format	Color
RYB	50, 99, 155
Decimal	3313563
CIELab	54.75, -22.95, -14.35
CIELCh	55, 27.068, 212.020
Yxy	22.6896, 0.2297, 0.3056
Android (android.graphics.Color)	4281503643 (0xFF328F9B)
YUV	116.5610, 18.9504, -58.3740
Hunter-Lab	47.6336, -19.4505, -9.5878

Details

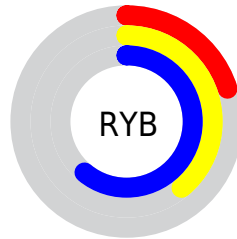
The YUV color **116.5610, 18.9504, -58.3740** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.4390, -18.9504, 58.3740**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3550, 18.0660, -54.6853**, and **65.8600, 18.8030, -57.7592** is the 20% darker color. If you saturate the color by 10%, you get **110.6030, 21.8877, -67.1808**, and if you desaturate by 10%, it is **122.2200, 16.1605, -50.1819**.

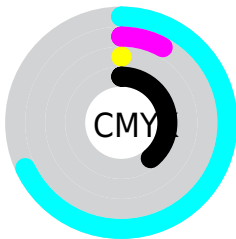
Distribution



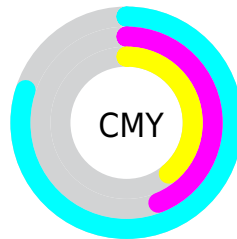
- Red (20%)
- Green (56%)
- Blue (61%)



- Red (20%)
- Yellow (39%)
- Blue (61%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5610, 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 116.5610, 18.9504, -58.3740 by changing the saturation by 10% instead.

■ 116.5610, 18.9504,
-58.3740

■ 116.5610, 18.9504,
-58.3740

■ 255.0000, 0.0000,
0.0000

■ 83.9830, 22.1934,
-71.8991

■ 172.3550, 18.0660,
-54.6853

■ 65.8600, 18.8030,
-57.7592

■ 200.7680, 18.3554,
-54.1705

■ 49.0360, 15.2653,
-43.0046

■ 228.1010, 13.2612,
-53.5856

■ 33.5000, 11.5855,
-29.3795

■ 237.3590, 8.6970,
-36.2718

■ 19.2520, 7.7638,
-16.8840

■ 246.3290, 4.2748,
-17.8285

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 116.5610, 18.9504,
-58.3740

■ 116.5610, 18.9504,
-58.3740

■ 110.6030, 21.8877,
-67.1808

■ 122.2200, 16.1605,
-50.1819

■ 104.9440, 24.6776,
-75.3729

■ 128.1780, 13.2232,
-41.3751

■ 99.5730, 27.3255,
-84.6945

■ 133.2500, 10.7227,
-32.6683

■ 98.0890, 28.0571,
-86.0241

■ 139.2080, 7.7855,
-23.8614

■ 144.8670, 4.9956,
-15.6694

■ 150.8250, 2.0583,
-6.8625

■ 155.8970, -0.4422,
1.8443

■ 161.8550, -3.3795,
10.6512

■ 167.5140, -6.1694,
18.8432

Harmonies

Analogous

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



119.3100, 6.2562, -46.7529



116.5610, 18.9504, -58.3740



121.2340, 25.0276, -47.5632

Triad

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



116.5610, 18.9504, -58.3740



134.5590, 9.0914, 24.0658



129.5400, -22.4512, 14.4354

Complementary

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



116.5610, 18.9504, -58.3740



88.4390, -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.



131.2090, -20.3160, 29.6347



116.5610, 18.9504, -58.3740



133.7750, -1.8611, 37.0313

Square

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



116.5610, 18.9504, -58.3740



132.9460, 18.7606, 2.6784



132.3270, -12.4862, 38.3012



126.9720, -17.7342, -5.2374

Rectangle

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



116.5610, 18.9504, -58.3740



126.0340, 25.1262, -32.4788



132.3270, -12.4862, 38.3012



129.9860, -22.1781, 20.1833

Sweetspot

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



116.5610, 18.9504, -58.3740



186.6920, 7.0538, -22.5319



112.7750, -26.0181, -55.0537



93.0630, 4.4059, -13.2103



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



116.5610, 18.9504, -58.3740



141.6970, 29.2364, -90.9423



86.6240, 33.7094, -32.1192



74.0210, 1.4686, -4.4034



88.7480, 25.2672, -77.8320



7.9390, 2.4951, -6.9625

Inverse Universe

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



91.9970, 25.1445, 55.2536



103.2670, 39.3084, 85.7118



118.3760, -33.7094, 32.1192



72.1900, 1.8783, 4.2184



55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 116.5610, 18.9504, -58.3740 looks on a white background.

Color Contrast Check

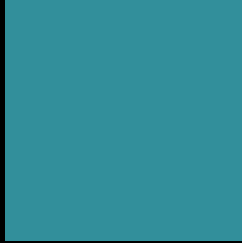
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5610, 18.9504, -58.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

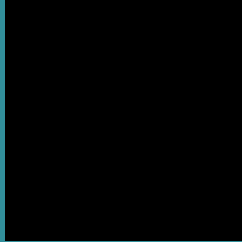
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.5610, 18.9504, -58.3740 Background



This preview shows how black text looks on a background with the YUV color 116.5610, 18.9504, -58.3740.



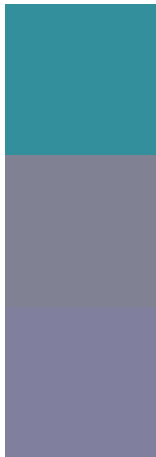
This preview shows how white text looks on a background with the YUV color 116.5610, 18.9504, -58.3740.

-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

116.5610, 18.9504, -58.3740

Protanopia

130.6390, 7.5730, -2.3144

Deuteranopia

131.1320, 13.2459, -1.8698



Tritanopia

116.5610, 18.9504, -58.3740

Trichromacy



Original Color

116.5610, 18.9504, -58.3740

Protanomaly

125.5440, 11.5638, -22.4021

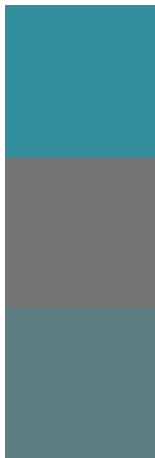
Deuteranomaly

125.8690, 15.3476, -22.6871

Tritanomaly

116.5610, 18.9504, -58.3740

Monochromacy



Original Color

116.5610, 18.9504, -58.3740

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7030, 7.0484, -20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5610, 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(50, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(50, 143, 155)  
}
```

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(50, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 143, 155) }
```

Border

The CSS property to change the border of an element to YUV 116.5610, 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(50, 143, 155) }
```


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

```
.border{ border-color:rgb(50, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(50, 143,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 116.5610, 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(50, 143, 155) }
```

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

```
.background{ background-color: rgb(50, 143,  
155) }
```

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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