

Converting Colors

YUV(117.5110, 11.5801,
-27.6351)

Have a look what the booklet for
YUV(117.5110, 11.5801, -27.6351)
contains.

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Color

**YUV(117.5110, 11.5801,
-27.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	56818D
RGB	86, 129, 141
RGB Percent	34%, 51%, 55%
CMY	0.6627, 0.4941, 0.4471
CMYK	0.39, 0.09, 0.00, 0.45
HSL	193°, 24%, 45%
HSV	193°, 39%, 55%
XYZ	16.4957, 19.6020, 28.1135
YIQ	117.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

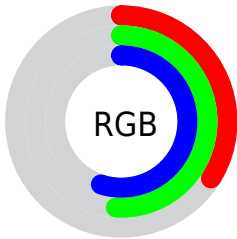
Format	Color
R_{YB}	86, 110, 141
Decimal	5669261
CIE _{Lab}	51.38, -11.55, -11.17
CIE _{LCh}	51, 16.071, 224.055
Yxy	19.6020, 0.2569, 0.3053
Android (android.graphics.Color)	4283859341 (0xFF56818D)
YUV	117.5110, 11.5801, -27.6351
Hunter-Lab	44.2742, -10.9741, -6.6563

Details

The YUV color **117.5110, 11.5801, -27.6351** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.4890, -11.5801, 27.6351**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3260, 12.1643, -28.3499**, and **67.7990, 11.4381, -28.7647** is the 20% darker color. If you saturate the color by 10%, you get **111.5640, 14.5119, -34.6976**, and if you desaturate by 10%, it is **123.4580, 8.6482, -20.5727**.

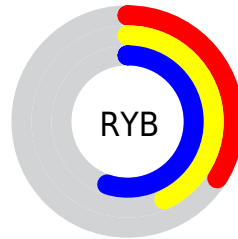
Distribution



Red (34%)

Green (51%)

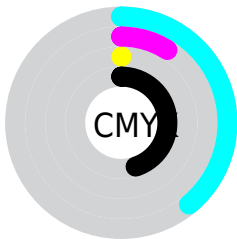
Blue (55%)



Red (34%)

Yellow (43%)

Blue (55%)

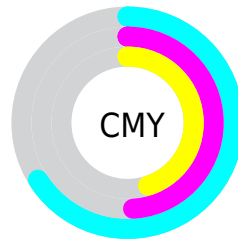


Cyan (39%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5110, 11.5801, -27.6351 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 117.5110, 11.5801, -27.6351 by changing the saturation by 10% instead.

■ 117.5110, 11.5801,
-27.6351

■ 117.5110, 11.5801,
-27.6351

■ 255.0000, 0.0000,
0.0000

■ 92.3970, 11.1433,
-27.5352

■ 170.3260, 12.1643,
-28.3499

■ 67.7990, 11.4381,
-28.7647

■ 198.0270, 12.3117,
-28.9647

■ 42.8910, 11.8857,
-32.3534

■ 226.0270, 12.3117,
-28.9647

■ 25.6750, 9.5272,
-22.5170

■ 244.8340, 5.0118,
-20.9024

■ 9.3070, 7.7366,
-8.1622

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 117.5110, 11.5801,
-27.6351

■ 117.5110, 11.5801,
-27.6351

■ 111.5640, 14.5119,
-34.6976

■ 123.4580, 8.6482,
-20.5727

■ 105.6170, 17.4438,
-41.7601

■ 129.4050, 5.7163,
-13.5102

■ 99.6700, 20.3757,
-48.8226

■ 135.3520, 2.7845,
-6.4477

■ 93.7230, 23.3076,
-55.8851

■ 141.2990, -0.1474,
0.6148

■ 87.7760, 26.2394,
-62.9476

■ 147.5450, -3.2267,
8.2920

■ 81.5300, 29.3187,
-70.6248


■ 153.4920, -6.1586,
15.3545

■ 80.6440, 29.7555,
-70.7248

■ 160.0260, -9.3798,
21.9022

■ 165.9730,

-12.3117, 28.9647

 171.9200,
-15.2436, 36.0272

Harmonies

Analogous

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



116.7300, 6.0491, -26.9502



117.5110, 11.5801, -27.6351



119.8370, 13.8844, -20.0280

Triad

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



117.5110, 11.5801, -27.6351



125.0930, 2.4192, 17.4584



121.4060, -12.5252, 4.0289

Complementary

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



117.5110, 11.5801, -27.6351



109.4890, -11.5801, 27.6351

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.



122.6570, -13.1419, 15.2098



117.5110, 11.5801, -27.6351



124.7040, -4.2911, 23.0616

Square

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



117.5110, 11.5801, -27.6351



124.6340, 8.5614, 7.3370



123.9120, -9.8166, 22.0022



119.3660, -8.5614, -7.3370

Rectangle

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



117.5110, 11.5801, -27.6351



121.8920, 13.8572, -11.3063



123.9120, -9.8166, 22.0022



121.6130, -13.1202, 8.2324

Sweetspot

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



117.5110, 11.5801, -27.6351



174.4870, 4.6899, -10.9511



119.6530, -10.6749, -29.5137



86.3520, 2.7845, -6.4477



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.5110, 11.5801, -27.6351



146.8340, 18.3228, -43.7044



101.6620, 19.3936, -13.7356



68.3200, 1.3212, -3.7886



77.6120, 28.2923, -68.0657



4.4340, 1.7580, -3.8886

Inverse Universe

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



107.3470, 10.6749, 29.5137



130.7650, 16.8779, 46.6871



125.3380, -19.3936, 13.7356



66.7770, 1.5889, 3.7036



52.4490, 26.4006, 72.3972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 117.5110, 11.5801, -27.6351 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 117.5110, 11.5801, -27.6351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

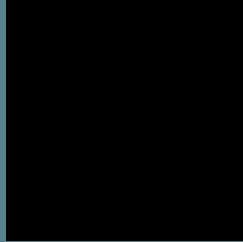
Any Text WCAG AA ✓ Pass

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 117.5110, 11.5801, -27.6351 Background



This preview shows how black text looks on a background with the YUV color 117.5110, 11.5801, -27.6351.



This preview shows how white text looks on a background with the YUV color 117.5110, 11.5801, -27.6351.

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

117.5110, 11.5801, -27.6351

Protanopia

122.4110, 6.6994, -2.1144

Deuteranopia

123.2310, 9.7461, 0.6744



Tritanopia

117.3970, 11.1433, -27.5352

Trichromacy



Original Color

117.5110, 11.5801, -27.6351

Protanomaly

120.8120, 8.4737, -11.2361

Deuteranomaly

121.2790, 10.2155, -9.8917

Tritanomaly

117.3970, 11.1433, -27.5352

Monochromacy



Original Color

117.5110, 11.5801, -27.6351

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5110, 11.5801, -27.6351 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(86, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(86, 129, 141)  
}
```

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(86, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 129, 141) }
```

Border

The CSS property to change the border of an element to YUV 117.5110, 11.5801, -27.6351 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(86, 129, 141) }
```


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

```
.border{ border-color:rgb(86, 129, 141) }
```

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

Here you see how a box with a 4 pixel rgb(86, 129, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(86, 129,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 117.5110, 11.5801, -27.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 129, 141) }
```

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

```
.background{ background-color: rgb(86, 129,  
141) }
```

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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