

Converting Colors

YUV(110.6510, -0.8139,
-18.9879)

Have a look what the booklet for
YUV(110.6510, -0.8139, -18.9879)
contains.

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Color

**YUV(110.6510, -0.8139,
-18.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	597A6D
RGB	89, 122, 109
RGB Percent	35%, 48%, 43%
CMY	0.6510, 0.5216, 0.5725
CMYK	0.27, 0.00, 0.11, 0.52
HSL	156°, 16%, 41%
HSV	156°, 27%, 48%
XYZ	13.8397, 17.1470, 17.0483
YIQ	110.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

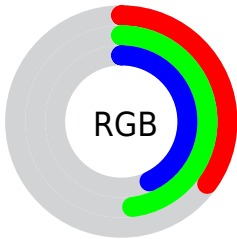
Format	Color
R_{YB}	89, 110, 122
Decimal	5864045
CIE _{Lab}	48.44, -14.73, 3.32
CIE _{LCh}	48, 15.101, 167.317
Yxy	17.1470, 0.2881, 0.3570
Android (android.graphics.Color)	4284054125 (0xFF597A6D)
YUV	110.6510, -0.8139, -18.9879
Hunter-Lab	41.4090, -12.8076, 4.5763

Details


The YUV color $[110.6510, -0.8139, -18.9879]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[100.3490, 0.8139, 18.9879]$, and the grayscale version is $[111.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[162.8250, -1.3927, -20.0175]$, and $[62.4770, -0.2352, -17.9583]$ is the 20% darker color. If you saturate the color by 10%, you get $[106.4930, -1.2290, -25.8654]$, and if you desaturate by 10%, it is $[114.8090, -0.3988, -12.1105]$.

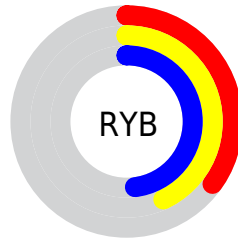
Distribution



 Red (35%)

 Green (48%)

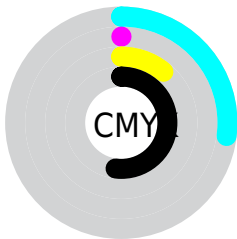
 Blue (43%)



 Red (35%)

 Yellow (43%)

 Blue (48%)

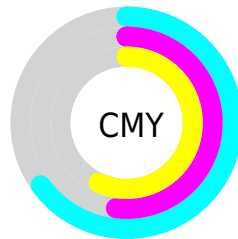


 Cyan (27%)


 Magenta (0%)

 Yellow (11%)

 Black (52%)



 Cyan (65%)

 Magenta (52%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6510, -0.8139, -18.9879 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 110.6510, -0.8139, -18.9879 by changing the saturation by 10% instead.

■ 110.6510, -0.8139,
-18.9879

■ 110.6510, -0.8139,
-18.9879

■ 255.0000, 0.0000,
0.0000

■ 86.0640, -0.5246,
-18.4731

■ 162.8250, -1.3927,
-20.0175

■ 62.4770, -0.2352,
-17.9583

■ 189.5260, -1.2453,
-20.6323

■ 39.5910, 0.2016,
-18.0583

■ 217.5260, -1.2453,
-20.6323

■ 19.7760, -0.3826,
-17.3436

■ 243.8790, 0.0597,
-19.1879

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,
-2.4591

■ 110.6510, -0.8139,
-18.9879

■ 110.6510, -0.8139,
-18.9879

■ 106.4930, -1.2290,
-25.8654

■ 114.8090, -0.3988,
-12.1105

■ 102.3350, -1.6442,
-32.7428

■ 118.9670, 0.0163,
-5.2331

■ 97.9920, -1.4751,
-40.3350

■ 123.3100, -0.1528,
2.3591

■ 93.8340, -1.8902,
-47.2124

■ 127.4680, 0.2623,
9.2366

■ 89.6760, -2.3053,
-54.0899

■ 131.6260, 0.6774,
16.1140

■ 85.5180, -2.7204,
-60.9673

■ 135.7840, 1.0925,
22.9914

■ 81.3600, -3.1355,
-67.8447

■ 139.9420, 1.5076,
29.8689

■ 80.0500, -2.9826,

■ 144.2850, 1.3385,

-70.2038

37.4611

■ 148.4430, 1.7536,
44.3385

Harmonies

Analogous

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



111.9960, -7.3930, -8.7665



110.6510, -0.8139, -18.9879



109.7410, 6.0437, -25.2059

Triad

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



110.6510, -0.8139, -18.9879



115.6540, 11.5096, -4.9586



116.0150, -9.3744, 20.1578

Complementary

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



110.6510, -0.8139, -18.9879



100.3490, 0.8139, 18.9879

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.



116.9920, -4.4331, 21.9320



110.6510, -0.8139, -18.9879



116.7050, 7.5404, 8.1517

Square

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



110.6510, -0.8139, -18.9879



113.0330, 13.2947, -17.5689



117.5660, 1.6930, 17.0436



114.8740, -12.2629, 13.2655

Rectangle

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



110.6510, -0.8139, -18.9879



110.3540, 9.6855, -26.6205



117.5660, 1.6930, 17.0436



116.0690, -7.9220, 20.9875

Sweetspot

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



110.6510, -0.8139, -18.9879



153.5430, -0.2677, -7.4922



112.2580, -11.4662, -8.9963



76.2660, -0.1311, -4.6183



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



110.6510, -0.8139, -18.9879



140.7700, -1.3656, -28.7393



110.3720, 5.7326, -18.7432



58.9780, 0.0108, -3.4887



82.0390, -2.9772, -71.9482



165.3660, -6.0964, -145.0260

Inverse Universe

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



100.3490, 0.8139, 18.9879



125.1160, 0.9288, 28.8393



100.6280, -5.7326, 18.7432



57.0220, -0.0108, 3.4887



42.9610, 2.9772, 71.9482



86.6340, 6.0964, 145.0260

Previews

White Background



This preview shows how the YUV color 110.6510, -0.8139, -18.9879 looks on a white 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

Black Background



This preview shows how the YUV color 110.6510, -0.8139, -18.9879 looks on a black 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

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

YUV 110.6510, -0.8139, -18.9879

Background



This preview shows how black text looks on a background with the YUV color 110.6510, -0.8139, -18.9879.



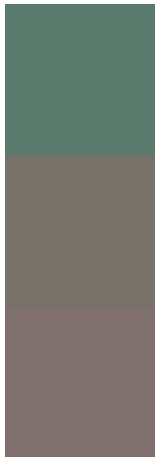
This preview shows how white text looks on a background with the YUV color 110.6510, -0.8139, -18.9879.

-18.9879.

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

110.6510, -0.8139, -18.9879

Protanopia

114.4690, -4.6682, 3.9737

Deuteranopia

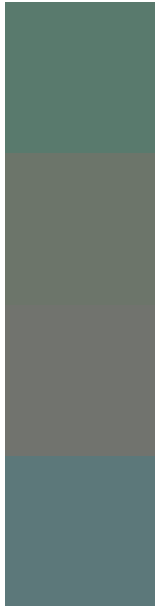
115.7840, -2.3585, 9.8364



Tritanopia

112.3660, 8.2006, -16.9840

Trichromacy



Original Color

110.6510, -0.8139, -18.9879

Protanomaly

113.0550, -3.4781, -4.4332

Deuteranomaly

113.8320, -1.8892, -0.7297

Tritanomaly

111.8560, 5.0010, -17.4137

Monochromacy



Original Color

110.6510, -0.8139, -18.9879

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6510, -0.8139, -18.9879 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(89, 122, 109)` looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 109)  
}
```

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(89, 122, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 109) }
```

Border

The CSS property to change the border of an element to YUV 110.6510, -0.8139, -18.9879 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(89, 122, 109) }
```


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

```
.border{ border-color:rgb(89, 122, 109) }
```

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

Here you see how a box with a 4 pixel rgb(89, 122, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 110.6510, -0.8139, -18.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 109) }
```

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

```
.background{ background-color: rgb(89, 122,  
109) }
```

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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