

Converting Colors

YUV(112.0880, 19.6766,
-57.9592)

Have a look what the booklet for
YUV(112.0880, 19.6766, -57.9592)
contains.

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Color

**YUV(112.0880, 19.6766,
-57.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	2E8A98
RGB	46, 138, 152
RGB Percent	18%, 54%, 60%
CMY	0.8196, 0.4588, 0.4039
CMYK	0.70, 0.09, 0.00, 0.40
HSL	188°, 54%, 39%
HSV	188°, 70%, 60%
XYZ	15.8827, 21.0248, 32.9268
YIQ	112.0880, -59.3260, -15.1500

Conversions

Conversions Part 2

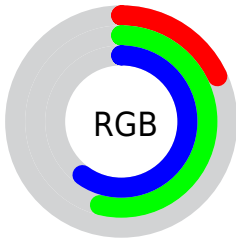
Format	Color
RYB	46, 95, 152
Decimal	3050136
CIELab	52.98, -21.91, -15.32
CIElCh	53, 26.736, 214.956
Yxy	21.0248, 0.2274, 0.3011
Android (android.graphics.Color)	4281240216 (0xFF2E8A98)
YUV	112.0880, 19.6766, -57.9592
Hunter-Lab	45.8528, -18.4128, -10.4791

Details

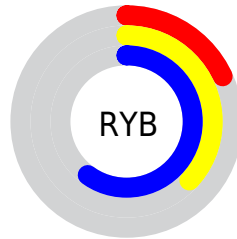
The YUV color **112.0880, 19.6766, -57.9592** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.9120, -19.6766, 57.9592**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8820, 18.7922, -54.2705**, and **63.1700, 18.6502, -55.4001** is the 20% darker color. If you saturate the color by 10%, you get **106.4290, 22.4665, -66.1512**, and if you desaturate by 10%, it is **117.7470, 16.8867, -49.7671**.

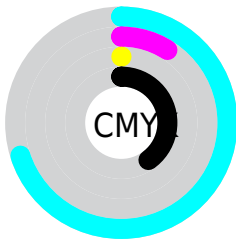
Distribution



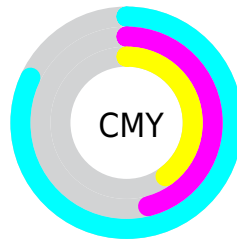
- Red (18%)
- Green (54%)
- Blue (60%)



- Red (18%)
- Yellow (37%)
- Blue (60%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0880, 19.6766, -57.9592 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 112.0880, 19.6766, -57.9592 by changing the saturation by 10% instead.

■ 112.0880, 19.6766,
-57.9592

■ 112.0880, 19.6766,
-57.9592

■ 255.0000, 0.0000,
0.0000

■ 80.1080, 22.6248,
-70.2547

■ 167.8820, 18.7922,
-54.2705

■ 63.1700, 18.6502,
-55.4001

■ 196.1810, 18.6448,
-53.6557

■ 46.3460, 15.1124,
-40.6454

■ 223.6820, 15.4398,
-52.3411

■ 30.8100, 11.4327,
-27.0204

■ 236.1630, 9.2866,
-38.7310

■ 15.5020, 8.6265,
-13.5953

■ 245.1330, 4.8644,
-20.2876

■ 0.9120, 3.4944,
-0.7998

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 112.0880, 19.6766,
-57.9592

■ 112.0880, 19.6766,
-57.9592

■ 106.4290, 22.4665,
-66.1512

■ 117.7470, 16.8867,
-49.7671

■ 100.7700, 25.2564,
-74.3433

■ 123.4060, 14.0968,
-41.5751

■ 94.8120, 28.1937,
-83.1501

■ 129.3640, 11.1595,
-32.7682

■ 135.0230, 8.3697,
-24.5762

■ 140.6820, 5.5798,
-16.3841

■ 146.3410, 2.7899,
-8.1921

■ 152.0000, 0.0000,
0.0000

■ 157.9580, -2.9373,
8.8068

■ 163.6170, -5.7272,
16.9989

Harmonies

Analogous

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



114.3530, 7.7140, -47.6676



112.0880, 19.6766, -57.9592



117.5440, 24.8748, -45.2041

Triad

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



112.0880, 19.6766, -57.9592



129.9290, 7.9230, 25.4953



124.3440, -21.8616, 11.9763

Complementary

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



112.0880, 19.6766, -57.9592



85.9120, -19.6766, 57.9592

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.



126.1980, -20.3106, 27.8904



112.0880, 19.6766, -57.9592



129.1340, -3.0241, 36.7165

Square

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



112.0880, 19.6766, -57.9592



128.6150, 17.4448, 4.7226



128.0880, -13.3544, 36.7568



122.1890, -16.8552, -7.1818

Rectangle

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



112.0880, 19.6766, -57.9592



122.5290, 24.3892, -29.4049



128.0880, -13.3544, 36.7568



125.6760, -22.0253, 17.8241

Sweetspot

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



112.0880, 19.6766, -57.9592



180.8060, 7.4906, -22.6319



109.5900, -25.4339, -55.7684



90.0630, 4.4059, -13.2103



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



112.0880, 19.6766, -57.9592



134.3380, 30.3994, -90.6274



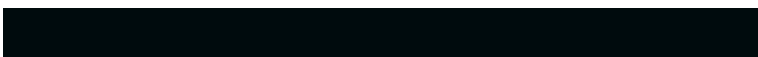
82.1510, 34.4356, -31.7044



73.4340, 1.7580, -3.8886



87.5740, 25.8460, -76.8024



7.9390, 2.4951, -6.9625

Inverse Universe

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



88.1820, 24.5603, 55.9684



96.7510, 38.5768, 87.0414



115.8490, -34.4356, 31.7044



72.0760, 1.4415, 4.3183



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 112.0880, 19.6766, -57.9592 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 112.0880, 19.6766, -57.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

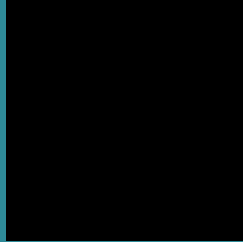
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.0880, 19.6766, -57.9592

Background



This preview shows how black text looks on a background with the YUV color 112.0880, 19.6766, -57.9592.

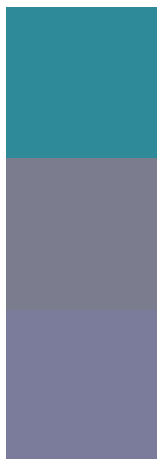


This preview shows how white text looks on a background with the YUV color 112.0880, 19.6766, -57.9592.

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

112.0880, 19.6766, -57.9592

Protanopia

126.4540, 8.1572, -3.0292

Deuteranopia

126.6480, 13.9775, -3.1993



Tritanopia

111.5610, 18.9504, -58.3740

Trichromacy



Original Color

112.0880, 19.6766, -57.9592

Protanomaly

121.3590, 12.1480, -23.1168

Deuteranomaly

121.0970, 16.2212, -22.8871

Tritanomaly

111.6750, 19.3872, -58.4740

Monochromacy



Original Color

112.0880, 19.6766, -57.9592

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8170, 7.4852, -20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0880, 19.6766, -57.9592 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(46, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(46, 138, 152)  
}
```

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(46, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 138, 152) }
```

Border

The CSS property to change the border of an element to YUV 112.0880, 19.6766, -57.9592 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

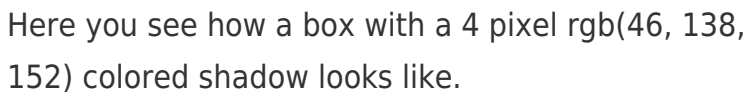
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 138, 152) }
```


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

```
.border{ border-color:rgb(46, 138, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(46, 138, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(46, 138, 152); box-shadow:4px 4px 4px 4px rgb(46, 138, 152) }
```

Background

The CSS property to change the background color of an element to YUV 112.0880, 19.6766, -57.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 138, 152) }
```

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

```
.background{ background-color: rgb(46, 138,  
152) }
```

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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