

Converting Colors

YUV(112.4710, -11.5712,
-68.8191)

Have a look what the booklet for
YUV(112.4710, -11.5712, -68.8191)
contains.

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Color

**YUV(112.4710, -11.5712,
-68.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	229D59
RGB	34, 157, 89
RGB Percent	13%, 62%, 35%
CMY	0.8667, 0.3843, 0.6510
CMYK	0.78, 0.00, 0.43, 0.38
HSL	147°, 64%, 37%
HSV	147°, 78%, 62%
XYZ	14.5198, 25.1753, 13.5452
YIQ	112.4710, -51.4800, -47.2240

Conversions

Conversions Part 2

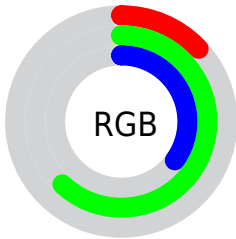
Format	Color
RYB	34, 119, 157
Decimal	2268505
CIELab	57.25, -48.43, 26.45
CIELCh	57, 55.178, 151.362
Yxy	25.1753, 0.2727, 0.4729
Android (android.graphics.Color)	4280458585 (0xFF229D59)
YUV	112.4710, -11.5712, -68.8191
Hunter-Lab	50.1750, -36.1512, 19.1166

Details

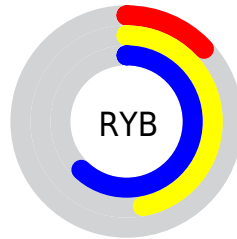
The YUV color **112.4710, -11.5712, -68.8191** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **78.5290, 11.5712, 68.8191**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5920, -15.0819, -62.7862**, and **65.8360, -11.7511, -57.7382** is the 20% darker color. If you saturate the color by 10%, you get **106.6610, -13.1439, -77.7557**, and if you desaturate by 10%, it is **118.2810, -9.9985, -59.8824**.

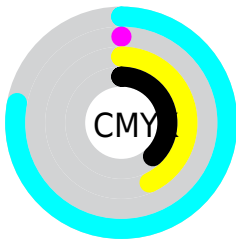
Distribution



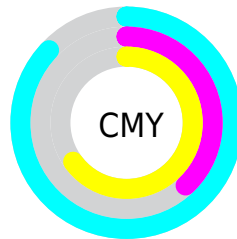
- Red (13%)
- Green (62%)
- Blue (35%)



- Red (13%)
- Yellow (47%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4710, -11.5712, -68.8191 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 112.4710, -11.5712, -68.8191 by changing the saturation by 10% instead.

■ 112.4710,
-11.5712, -68.8191

■ 112.4710,
-11.5712, -68.8191

■ 255.0000, 0.0000,
0.0000

■ 83.7200, -9.2290,
-73.4224

■ 170.5920,
-15.0819, -62.7862

■ 65.8360, -11.7511,
-57.7382

■ 198.6630,
-16.1029, -61.9715

■ 48.5390, -14.5627,
-42.5687

■ 218.7440,
-12.1988, -54.1495

■ 32.2850, -15.9165,
-28.3139

■ 230.6070, -4.2433,
-39.1203

■ 19.3710, -9.5499,
-16.9884

■ 242.8830, 4.0017,
-23.5764

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 112.4710,
-11.5712, -68.8191

■ 112.4710,
-11.5712, -68.8191

■ 106.6610,
-13.1439, -77.7557

■ 118.2810, -9.9985,
-59.8824

■ 101.2640,
-14.4272, -86.1775

■ 123.6780, -8.7153,
-51.4606

■ 100.1390,
-14.8585, -87.8219

■ 129.4880, -7.1426,
-42.5240

■ 135.2980, -5.5699,
-33.5873

■ 140.9940, -4.4340,
-24.5507

■ 146.5050, -2.7140,
-16.2289

■ 152.3150, -1.1413,
-7.2923

■ 158.0110, -0.0054,
1.7444

■ 163.5220, 1.7147,
10.0662

Harmonies

Analogous

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



126.4230, -38.6625, -12.6490



112.4710, -11.5712, -68.8191



109.6520, 13.9756, -96.1648

Triad

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



112.4710, -11.5712, -68.8191



110.0300, 61.1172, -96.4963



134.7510, -22.0622, 76.5174

Complementary

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



112.4710, -11.5712, -68.8191



78.5290, 11.5712, 68.8191

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.



136.2990, 0.3456, 76.0368



112.4710, -11.5712, -68.8191



140.0270, 39.4267, 0.8533

Square

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



112.4710, -11.5712, -68.8191



115.5920, 51.9661, -101.3742



140.3400, 21.5244, 49.6908



134.5810, -41.2054, 56.4955

Rectangle

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



112.4710, -11.5712, -68.8191



113.4140, 28.3899, -99.4641



140.3400, 21.5244, 49.6908



135.0100, -14.7949, 78.9212

Sweetspot

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



112.4710, -11.5712, -68.8191



186.2710, -4.5706, -27.4247



127.1310, -45.9136, -20.2859



91.2060, -2.5666, -16.8437



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.



112.4710, -11.5712, -68.8191



134.5080, -17.9984, -107.4395



119.3110, 14.6367, -74.8177



76.1520, -0.5679, -4.5183



91.2370, -13.4278, -80.0148



9.6030, -1.2833, -8.4218

Inverse Universe

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



78.5290, 11.5712, 68.8191



81.4920, 17.9984, 107.4395



71.6890, -14.6367, 74.8177



73.9620, 1.0047, 4.4183



51.7630, 13.4278, 80.0148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 112.4710, -11.5712, -68.8191 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 112.4710, -11.5712, -68.8191 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 112.4710, -11.5712, -68.8191 Background



This preview shows how black text looks on a background with the YUV color 112.4710, -11.5712, -68.8191.



This preview shows how white text looks on a background with the YUV color 112.4710, -11.5712, -68.8191.

-68.8191.

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

112.4710, -11.5712, -68.8191

Protanopia

133.6170, -25.9402, 13.4909

Deuteranopia

136.4640, -20.4418, 23.2721



Tritanopia

125.5510, 17.4764, -52.2262

Trichromacy



Original Color

112.4710, -11.5712, -68.8191

Protanomaly

126.0970, -20.7538, -16.7481

Deuteranomaly

127.4660, -16.9917, -10.0557

Tritanomaly

120.7600, 7.0203, -58.5485

Monochromacy



Original Color

112.4710, -11.5712, -68.8191

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1080, -3.9972, -24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4710, -11.5712, -68.8191 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(34, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(34, 157, 89)  
}
```

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(34, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 157, 89) }
```

Border

The CSS property to change the border of an element to YUV 112.4710, -11.5712, -68.8191 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(34, 157, 89) }
```


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

```
.border{ border-color:rgb(34, 157, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 157, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 157, 89);  
box-shadow:4px 4px 4px 4px rgb(34, 157,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 112.4710, -11.5712, -68.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 157, 89) }
```

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

```
.background{ background-color: rgb(34, 157,  
89) }
```

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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