

Converting Colors

YUV(112.3700, 22.0026,
-57.3295)

Have a look what the booklet for
YUV(112.3700, 22.0026, -57.3295)
contains.

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Color

**YUV(112.3700, 22.0026,
-57.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	2F899D
RGB	47, 137, 157
RGB Percent	18%, 54%, 62%
CMY	0.8157, 0.4627, 0.3843
CMYK	0.70, 0.13, 0.00, 0.38
HSL	191°, 54%, 40%
HSV	191°, 70%, 62%
XYZ	16.2038, 20.9300, 35.0842
YIQ	112.3700, -60.0600, -12.8600

Conversions

Conversions Part 2

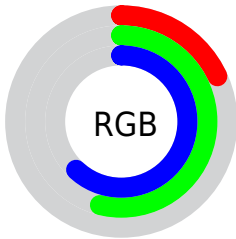
Format	Color
R_{YB}	47, 97, 157
Decimal	3115421
CIE _{Lab}	52.87, -19.62, -18.37
CIE _{LCh}	53, 26.877, 223.110
Yxy	20.9300, 0.2244, 0.2898
Android (android.graphics.Color)	4281305501 (0xFF2F899D)
YUV	112.3700, 22.0026, -57.3295
Hunter-Lab	45.7493, -16.8391, -13.4437

Details

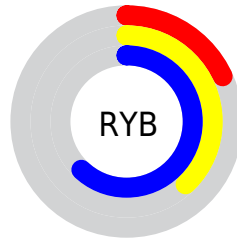
The YUV color **112.3700, 22.0026, -57.3295** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91.6300, -22.0026, 57.3295**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5770, 21.4075, -53.1260**, and **63.1530, 21.1236, -55.3852** is the 20% darker color. If you saturate the color by 10%, you get **105.8250, 25.2293, -65.6215**, and if you desaturate by 10%, it is **118.9150, 18.7759, -49.0375**.

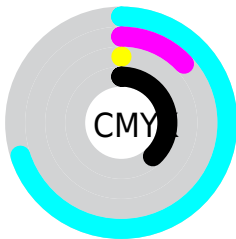
Distribution



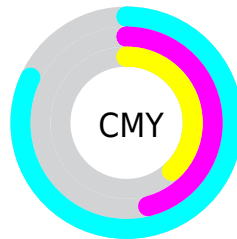
- Red (18%)
- Green (54%)
- Blue (62%)



- Red (18%)
- Yellow (38%)
- Blue (62%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3700, 22.0026, -57.3295 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 112.3700, 22.0026, -57.3295 by changing the saturation by 10% instead.

■ 112.3700, 22.0026,
-57.3295

■ 112.3700, 22.0026,
-57.3295

■ 255.0000, 0.0000,
0.0000

■ 80.0910, 25.0981,
-70.2398

■ 168.5770, 21.4075,
-53.1260

■ 63.1530, 21.1236,
-55.3852

■ 195.9900, 21.6969,
-52.6112

■ 46.2150, 17.1490,
-40.5306

■ 223.3940, 15.5818,
-51.2115

■ 30.6790, 13.4693,
-26.9055

■ 236.7610, 8.9918,
-37.5014

■ 15.3710, 10.6631,
-13.4804

■ 245.4320, 4.7170,
-19.6729

■ 2.1830, 5.8258,
-1.9145

254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 112.3700, 22.0026,
-57.3295

■ 112.3700, 22.0026,
-57.3295

■ 105.8250, 25.2293,
-65.6215

■ 118.9150, 18.7759,
-49.0375

■ 99.5790, 28.3086,
-73.2988

■ 125.1610, 15.6966,
-41.3602

■ 93.0340, 31.5352,
-81.5908

■ 131.7060, 12.4699,
-33.0682

■ 137.6640, 9.5326,
-24.2613

■ 144.2090, 6.3060,
-15.9693

■ 150.4550, 3.2267,
-8.2920

■ 157.0000, 0.0000,
0.0000

■ 163.5450, -3.2267,
8.2920

■ 169.7910, -6.3060,
15.9693

Harmonies

Analogous

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



112.6450, 11.5140, -53.1857



112.3700, 22.0026, -57.3295



118.9900, 25.1479, -39.4562

Triad

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



112.3700, 22.0026, -57.3295



129.2670, 5.2914, 29.5838



123.8380, -21.1191, 7.1581

Complementary

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



112.3700, 22.0026, -57.3295



91.6300, -22.0026, 57.3295

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.



125.5350, -21.4628, 24.0868



112.3700, 22.0026, -57.3295



128.7490, -5.7923, 37.9311

Square

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



112.3700, 22.0026, -57.3295



129.3770, 15.0971, 11.0704



127.5070, -15.5330, 35.5124



120.8400, -14.2181, -13.0147

Rectangle

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



112.3700, 22.0026, -57.3295



124.0460, 23.6413, -22.8423



127.5070, -15.5330, 35.5124



124.9420, -22.1564, 13.2059

Sweetspot

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



112.3700, 22.0026, -57.3295



186.4470, 8.6536, -22.3170



113.6220, -23.9706, -58.4275



91.5900, 5.1321, -12.7954



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.



112.3700, 22.0026, -57.3295



134.6740, 34.1777, -89.1681



81.2590, 37.3403, -30.0451



76.0210, 1.4686, -4.4034



84.9810, 28.6034, -74.5283



9.3410, 2.7899, -8.1921

Inverse Universe

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



90.1500, 23.0971, 58.6275



100.0890, 35.9451, 91.1299



122.7410, -37.3403, 30.0451



74.1900, 1.8783, 4.2184



56.0950, 30.0262, 76.2157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 112.3700, 22.0026, -57.3295 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 112.3700, 22.0026, -57.3295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

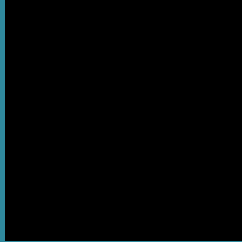
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.3700, 22.0026, -57.3295

Background



This preview shows how black text looks on a background with the YUV color 112.3700, 22.0026, -57.3295.



This preview shows how white text looks on a background with the YUV color 112.3700, 22.0026, -57.3295.

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

112.3700, 22.0026, -57.3295

Protanopia

125.8390, 10.9254, -4.2438

Deuteranopia

126.0220, 16.7512, -6.1583



Tritanopia

110.5500, 18.9559, -60.1183

Trichromacy



Original Color

112.3700, 22.0026, -57.3295

Protanomaly

121.0430, 14.7688, -23.7167

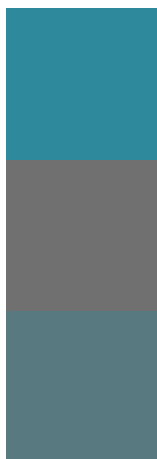
Deuteranomaly

121.0690, 18.7000, -24.6165

Tritanomaly

111.4900, 19.9714, -59.1887

Monochromacy



Original Color

112.3700, 22.0026, -57.3295

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9310, 7.9220, -20.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3700, 22.0026, -57.3295 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(47, 137, 157)` looks like.

```
.text, #text, p{  
  color:rgb(47, 137, 157)  
}
```

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(47, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 137, 157) }
```

Border

The CSS property to change the border of an element to YUV 112.3700, 22.0026, -57.3295 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(47, 137, 157) }
```


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

```
.border{ border-color:rgb(47, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 137, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 137, 157);  
box-shadow:4px 4px 4px 4px rgb(47, 137,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 112.3700, 22.0026, -57.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 137, 157) }
```

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

```
.background{ background-color: rgb(47, 137,  
157) }
```

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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