

Converting Colors

YUV(121.2900, 16.6190,
-57.2593)

Have a look what the booklet for
YUV(121.2900, 16.6190, -57.2593)
contains.

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Color

**YUV(121.2900, 16.6190,
-57.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	38949B
RGB	56, 148, 155
RGB Percent	22%, 58%, 61%
CMY	0.7804, 0.4196, 0.3922
CMYK	0.64, 0.05, 0.00, 0.39
HSL	184°, 47%, 41%
HSV	184°, 64%, 61%
XYZ	18.1372, 24.3871, 34.7616
YIQ	121.2900, -57.0790, -17.3270

Conversions

Conversions Part 2

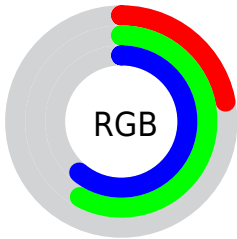
Format	Color
RYB	56, 104, 155
Decimal	3708059
CIELab	56.47, -24.53, -11.74
CIELCh	56, 27.190, 205.576
Yxy	24.3871, 0.2347, 0.3155
Android (android.graphics.Color)	4281898139 (0xFF38949B)
YUV	121.2900, 16.6190, -57.2593
Hunter-Lab	49.3833, -20.8625, -7.1667

Details

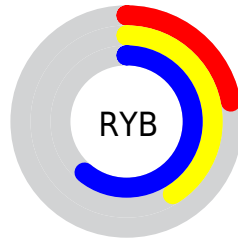
The YUV color **121.2900, 16.6190, -57.2593** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.7100, -16.6190, 57.2593**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7850, 15.8820, -54.1854**, and **68.7950, 17.3561, -60.3332** is the 20% darker color. If you saturate the color by 10%, you get **115.9190, 19.2669, -66.5810**, and if you desaturate by 10%, it is **126.6610, 13.9711, -47.9377**.

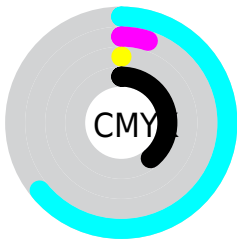
Distribution



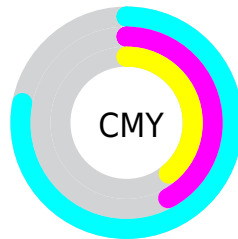
- Red (22%)
- Green (58%)
- Blue (61%)



- Red (22%)
- Yellow (41%)
- Blue (61%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2900, 16.6190, -57.2593 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 121.2900, 16.6190, -57.2593 by changing the saturation by 10% instead.

■ 121.2900, 16.6190,
-57.2593

■ 121.2900, 16.6190,
-57.2593

■ 255.0000, 0.0000,
0.0000

■ 91.4030, 18.5353,
-65.2514

■ 176.7850, 15.8820,
-54.1854

■ 68.7950, 17.3561,
-60.3332

■ 205.4860, 16.0294,
-54.8002

■ 51.9710, 13.8183,
-45.5786

■ 230.1830, 12.2348,
-51.0265

■ 35.8480, 10.4279,
-31.4387

■ 238.8540, 7.9600,
-33.1980

■ 22.1870, 6.3168,
-19.4580

■ 247.5250, 3.6852,
-15.3694

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 121.2900, 16.6190,
-57.2593

■ 121.2900, 16.6190,
-57.2593

■ 115.9190, 19.2669,
-66.5810

■ 126.6610, 13.9711,
-47.9377

■ 110.8470, 21.7674,
-75.2878

■ 131.7330, 11.4706,
-39.2308

■ 105.4760, 24.4153,
-84.6095

■ 137.1040, 8.8227,
-29.9092

■ 102.1980, 26.0314,
-89.6276

■ 142.1760, 6.3222,
-21.2024

■ 147.5470, 3.6743,
-11.8807

■ 153.2060, 0.8844,
-3.6887

■ 158.2780, -1.6161,
5.0182

■ 163.6490, -4.2640,
14.3398

■ 168.7210, -6.7645,
23.0467

Harmonies

Analogous

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



124.5340, 3.1877, -42.5643



121.2900, 16.6190, -57.2593



124.3860, 24.4597, -52.0815

Triad

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



121.2900, 16.6190, -57.2593



139.1070, 11.2862, 20.0772



134.4480, -22.8989, 18.0241

Complementary

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



121.2900, 16.6190, -57.2593



89.7100, -16.6190, 57.2593

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.



136.1600, -19.3059, 32.3087



121.2900, 16.6190, -57.2593



138.7470, 0.6177, 35.3019

Square

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



121.2900, 16.6190, -57.2593



137.2550, 20.0873, -2.8546



137.4950, -10.5970, 39.0309



131.8370, -19.6396, -0.7340

Rectangle

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



121.2900, 16.6190, -57.2593



129.1150, 25.5793, -37.8119



137.4950, -10.5970, 39.0309



135.0080, -22.1889, 23.6720

Sweetspot

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



121.2900, 16.6190, -57.2593



188.4640, 6.1802, -22.3319



114.9110, -25.5921, -51.6649



93.9490, 3.9691, -13.1103



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.



121.2900, 16.6190, -57.2593



148.1980, 26.0314, -89.6276



92.5270, 30.7992, -32.0342



74.0210, 1.4686, -4.4034



92.2700, 23.5309, -80.9208



8.5260, 2.2057, -7.4773

Inverse Universe

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



96.0890, 25.5921, 51.6649



108.7610, 40.0508, 80.8936



118.4730, -30.7992, 32.0342



72.1900, 1.8783, 4.2184



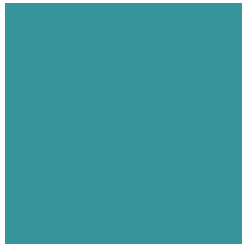
56.6800, 36.1468, 73.0716



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 121.2900, 16.6190, -57.2593 looks on a white background.

Color Contrast Check

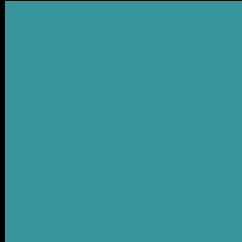
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2900, 16.6190, -57.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

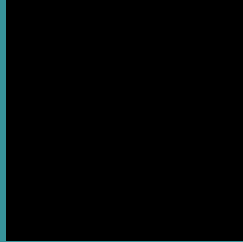
Any Text WCAG AA ✓ Pass

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 121.2900, 16.6190, -57.2593 Background



This preview shows how black text looks on a background with the YUV color 121.2900, 16.6190, -57.2593.

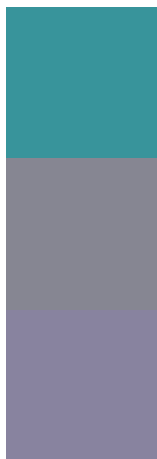


This preview shows how white text looks on a background with the YUV color 121.2900, 16.6190,

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

121.2900, 16.6190, -57.2593

Protanopia

135.3680, 5.2416, -1.1997

Deuteranopia

135.6870, 11.4933, 0.2745



Tritanopia

121.7570, 18.3608, -55.9149

Trichromacy



Original Color

121.2900, 16.6190, -57.2593

Protanomaly

130.2730, 9.2324, -21.2874

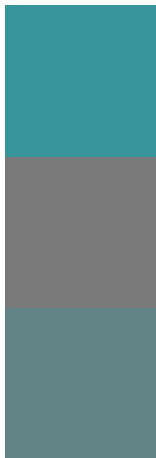
Deuteranomaly

130.4240, 13.5950, -20.5428

Tritanomaly

121.3440, 18.0714, -56.4297

Monochromacy



Original Color

121.2900, 16.6190, -57.2593

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0620, 5.8854, -21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2900, 16.6190, -57.2593 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(56, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(56, 148, 155)  
}
```

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(56, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 148, 155) }
```

Border

The CSS property to change the border of an element to YUV 121.2900, 16.6190, -57.2593 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(56, 148, 155) }
```


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

```
.border{ border-color:rgb(56, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(56, 148,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 121.2900, 16.6190, -57.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 148, 155) }
```

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

```
.background{ background-color: rgb(56, 148,  
155) }
```

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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