

Converting Colors

YUV(116.2900, 16.6190,
-57.2593)

Have a look what the booklet for
YUV(116.2900, 16.6190, -57.2593)
contains.

YUV(116.2900, 16.6190, -57.2593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.2900, 16.6190,
-57.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	338F96
RGB	51, 143, 150
RGB Percent	20%, 56%, 59%
CMY	0.8000, 0.4392, 0.4118
CMYK	0.66, 0.05, 0.00, 0.41
HSL	184°, 49%, 39%
HSV	184°, 66%, 59%
XYZ	16.6927, 22.5507, 32.3271
YIQ	116.2900, -57.0790, -17.3270

Conversions

Conversions Part 2

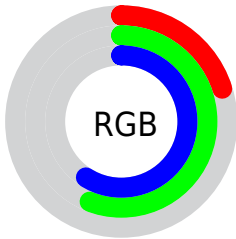
Format	Color
RYB	51, 99, 150
Decimal	3379094
CIELab	54.61, -24.33, -11.69
CIELCh	55, 26.995, 205.657
Yxy	22.5507, 0.2332, 0.3151
Android (android.graphics.Color)	4281569174 (0xFF338F96)
YUV	116.2900, 16.6190, -57.2593
Hunter-Lab	47.4876, -20.3575, -7.1202




Details

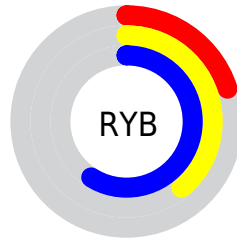
The YUV color **116.2900, 16.6190, -57.2593** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **84.7100, -16.6190, 57.2593**, and the grayscale version is **116.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **171.7850, 15.8820, -54.1854**, and **65.2900, 16.6190, -57.2593** is the 20% darker color. If you saturate the color by 10%, you get **111.2180, 19.1195, -65.9662**, and if you desaturate by 10%, it is **121.3620, 14.1185, -48.5525**.

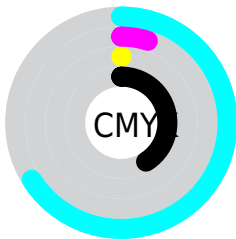
Distribution







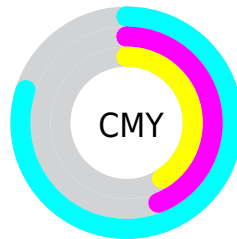
-  Red (20%)
-  Green (56%)
-  Blue (59%)






-  Red (20%)
-  Yellow (39%)
-  Blue (59%)



-  Cyan (66%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (80%)
-  Magenta (44%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2900, 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 116.2900, 16.6190, -57.2593 by changing the saturation by 10% instead.

■ 116.2900, 16.6190,
-57.2593

■ 116.2900, 16.6190,
-57.2593

■ 255.0000, 0.0000,
0.0000

■ 84.6090, 19.4198,
-68.9401

■ 171.7850, 15.8820,
-54.1854

■ 65.2900, 16.6190,
-57.2593

■ 200.0840, 15.7346,
-53.5707

■ 48.4660, 13.0813,
-42.5047

■ 228.1010, 13.2612,
-53.5856

■ 33.0440, 9.8383,
-28.9796

■ 237.3590, 8.6970,
-36.2718

■ 18.9100, 6.4534,
-16.5841

■ 246.0300, 4.4222,
-18.4433

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 116.2900, 16.6190,
-57.2593

■ 116.2900, 16.6190,
-57.2593

■ 111.2180, 19.1195,
-65.9662

■ 121.3620, 14.1185,
-48.5525

■ 106.1460, 21.6200,
-74.6730

■ 126.4340, 11.6180,
-39.8456

■ 101.0740, 24.1205,
-83.3799

■ 131.5060, 9.1175,
-31.1388

■ 98.6930, 25.2944,
-86.5538

■ 136.5780, 6.6170,
-22.4319

■ 141.6500, 4.1166,
-13.7250

■ 146.7220, 1.6161,
-5.0182

■ 151.7940, -0.8844,
3.6887

■ 156.8660, -3.3849,
12.3955

■ 162.5250, -6.1748,
20.5876

Harmonies

Analogous

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



119.5340, 3.1877, -42.5643



116.2900, 16.6190, -57.2593



119.5710, 23.8755, -51.3668

Triad

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



116.2900, 16.6190, -57.2593



134.1070, 11.2862, 20.0772



129.5620, -22.4621, 17.9241

Complementary

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



116.2900, 16.6190, -57.2593



84.7100, -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.



131.2740, -18.8691, 32.2087



116.2900, 16.6190, -57.2593



133.4480, 0.7651, 34.6871

Square

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



116.2900, 16.6190, -57.2593



132.2550, 20.0873, -2.8546



132.6090, -10.1602, 38.9309



126.9510, -19.2028, -0.8340

Rectangle

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



116.2900, 16.6190, -57.2593



124.3000, 24.9951, -37.0971



132.6090, -10.1602, 38.9309



130.1220, -21.7521, 23.5720

Sweetspot

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



116.2900, 16.6190, -57.2593



180.5780, 6.6170, -22.4319



109.9110, -25.5921, -51.6649



88.9490, 3.9691, -13.1103



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



116.2900, 16.6190, -57.2593



141.7960, 25.7366, -88.3981



87.5270, 30.7992, -32.0342



71.3200, 1.3212, -3.7886



90.8680, 23.2361, -79.6912



6.4230, 1.7635, -5.6330

Inverse Universe

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



91.0890, 25.5921, 51.6649



102.9350, 39.4720, 79.8640



113.4730, -30.7992, 32.0342



69.7770, 1.5889, 3.7036



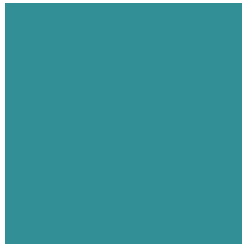
55.8540, 35.5680, 72.0420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 116.2900, 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 116.2900, 16.6190, -57.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

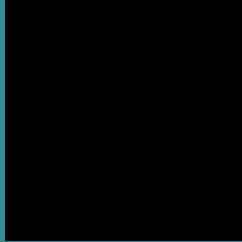
Any Text WCAG AA ✓ Pass

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 116.2900, 16.6190, -57.2593 Background



This preview shows how black text looks on a background with the YUV color 116.2900, 16.6190, -57.2593.



This preview shows how white text looks on a background with the YUV color 116.2900, 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

116.2900, 16.6190, -57.2593

Protanopia

130.3680, 5.2416, -1.1997

Deuteranopia

131.2740, 11.2039, -0.2403



Tritanopia

116.7570, 18.3608, -55.9149

Trichromacy



Original Color

116.2900, 16.6190, -57.2593

Protanomaly

125.2730, 9.2324, -21.2874

Deuteranomaly

126.0110, 13.3056, -21.0576

Tritanomaly

116.3440, 18.0714, -56.4297

Monochromacy



Original Color

116.2900, 16.6190, -57.2593

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0620, 5.8854, -21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2900, 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(51, 143, 150)` looks like.

```
.text, #text, p{  
    color:rgb(51, 143, 150)  
}
```

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(51, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 143, 150) }
```

Border

The CSS property to change the border of an element to YUV 116.2900, 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(51, 143, 150) }
```


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

```
.border{ border-color:rgb(51, 143, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 143, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(51, 143,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 116.2900, 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(51, 143, 150) }
```

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

```
.background{ background-color: rgb(51, 143,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor