

Converting Colors

YIQ(117.2900, -55.9380,
11.5660)

Have a look what the booklet for
YIQ(117.2900, -55.9380, 11.5660)
contains.

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Color

**YIQ(117.2900, -55.9380,
11.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	477DC7
RGB	71, 125, 199
RGB Percent	28%, 49%, 78%
CMY	0.7216, 0.5097, 0.2199
CMYK	0.64, 0.37, 0.00, 0.22
HSL	215°, 53%, 53%
HSV	215°, 64%, 78%
XYZ	20.2340, 20.1320, 56.8089
YIQ	117.2900, -55.9380, 11.5660

Conversions

Conversions Part 2

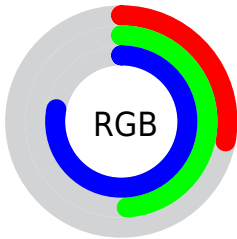
Format	Color
R_{YB}	71, 109, 199
Decimal	4685255
CIE _{Lab}	51.99, 5.51, -43.79
CIE _{LCh}	52, 44.136, 277.167
Yxy	20.1320, 0.2082, 0.2072
Android (android.graphics.Color)	4282875335 (0xFF477DC7)
YUV	117.2900, 40.2830, -40.5963
Hunter-Lab	44.8687, 1.9762, -43.6597

Details

The YIQ color **117.2900, -55.9380, 11.5660** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **152.7100, 55.9380, -11.5660**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1380, -52.4540, 14.5060**, and **61.7290, -67.7200, 4.8240** is the 20% darker color. If you saturate the color by 10%, you get **104.8530, -64.8330, 13.0790**, and if you desaturate by 10%, it is **130.3140, -47.3180, 9.5300**.

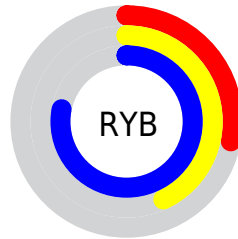
Distribution



Red (28%)

Green (49%)

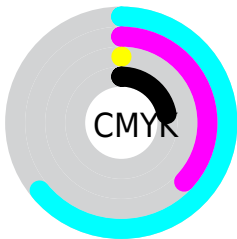
Blue (78%)



Red (28%)

Yellow (43%)

Blue (78%)

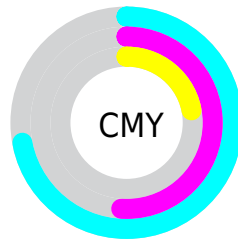


Cyan (64%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (72%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2900, -55.9380, 11.5660 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 YIQ color 117.2900, -55.9380, 11.5660 by changing the saturation by 10% instead.

■ 117.2900,
-55.9380, 11.5660

■ 117.2900,
-55.9380, 11.5660

■ 255.0000, -0.0000,
-0.0000

■ 88.6590, -61.5310,
8.3010

■ 172.1380,
-52.4540, 14.5060

■ 61.6150, -67.3990,
4.5130

■ 197.2450,
-42.8700, 6.0100

■ 45.1500, -52.7280,
8.4560

■ 222.3520,
-33.2860, -2.4860

■ 30.5600, -39.2030,
11.1410

■ 243.9370,
-22.0520, -7.8440

■ 13.7360, -24.8990,
16.2290

■ 252.9070, -4.1720,
-1.4840

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 117.2900,
-55.9380, 11.5660

■ 117.2900,
-55.9380, 11.5660

■ 104.8530,
-64.8330, 13.0790

■ 130.3140,
-47.3180, 9.5300

■ 91.8290, -73.4530,
15.1150

■ 142.7510,
-38.4230, 8.0170

■ 79.3920, -82.3480,
16.6280

■ 155.1880,
-29.5280, 6.5040

■ 71.9940, -86.9790,
17.9570

■ 168.2120,
-20.9080, 4.4680

■ 180.3500,
-12.6090, 2.7430

■ 193.3740, -3.9890,
0.7070

■ 205.8110, 4.9060,
-0.8060

■ 218.8350, 13.5260,
-2.8420

■ 231.2720, 22.4210,
-4.3550

Harmonies

Analogous

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



101.8340, -99.3530, -11.1050



117.2900, -55.9380, 11.5660



126.8080, -7.0660, 28.9500

Triad

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



117.2900, -55.9380, 11.5660



123.1570, 60.0140, 13.6940



104.4320, -46.5760, -36.9760

Complementary

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



117.2900, -55.9380, 11.5660



152.7100, 55.9380, -11.5660

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.



115.2020, 1.1060, -31.0700



117.2900, -55.9380, 11.5660



121.7300, 53.1860, -5.7420

Square

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



117.2900, -55.9380, 11.5660



124.6470, 53.3630, 29.6110



119.4680, 32.8320, -22.3360



98.9890, -81.6970, -33.7370

Rectangle

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



117.2900, -55.9380, 11.5660



127.4430, 19.0670, 34.4190



119.4680, 32.8320, -22.3360



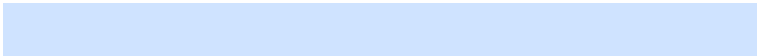
109.3650, -27.2740, -34.3620

Sweetspot

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



117.2900, -55.9380, 11.5660



224.2120, -20.9080, 4.4680



154.3440, -58.3120, -44.5520



109.0510, -13.2050, 2.5310



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



117.2900, -55.9380, 11.5660



130.0650, -85.7410, 17.5470



88.2830, -35.7240, 41.7160



93.3740, -3.9890, 0.7070



59.0850, -71.2980, 14.6060



12.9090, -15.6810, 3.3510

Inverse Universe

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



115.4280, 58.9540, 43.9300



127.0660, 90.1730, 67.3650



181.7170, 35.7240, -41.7160



93.1470, 4.0800, 3.1520



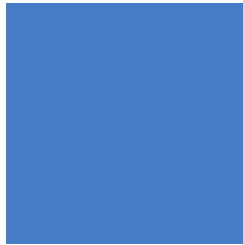
56.6030, 74.9990, 56.0150



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 117.2900, -55.9380, 11.5660 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 YIQ color 117.2900, -55.9380, 11.5660 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](#).

YIQ 117.2900, -55.9380, 11.5660

Background



This preview shows how black text looks on a background with the YIQ color 117.2900, -55.9380, 11.5660.



This preview shows how white text looks on a background with the YIQ color 117.2900, -55.9380, 11.5660.

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

117.2900, -55.9380, 11.5660

Protanopia

121.6620, -39.2500, 17.5020

Deuteranopia

118.7960, -51.4910, 13.5730



Tritanopia

109.1480, -59.5550, -16.5070

Trichromacy



Original Color

117.2900, -55.9380, 11.5660

Protanomaly

119.6720, -45.2100, 15.3820

Deuteranomaly

117.8990, -53.2790, 12.9370

Tritanomaly

112.2550, -57.9980, -6.1740

Monochromacy



Original Color

117.2900, -55.9380, 11.5660

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.0980, -20.5870, 4.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2900, -55.9380, 11.5660 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(71, 125, 199)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 199)  
}
```

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(71, 125, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 199) }
```

Border

The CSS property to change the border of an element to YIQ 117.2900, -55.9380, 11.5660 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(71, 125, 199) }
```


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

```
.border{ border-color:rgb(71, 125, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 199);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2900, -55.9380, 11.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 199) }
```

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

```
.background{ background-color: rgb(71, 125,  
199) }
```

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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