

Converting Colors

YIQ(115.8900, -92.6180,
15.5260)

Have a look what the booklet for
YIQ(115.8900, -92.6180, 15.5260)
contains.

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Color

**YIQ(115.8900, -92.6180,
15.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	2583F5
RGB	37, 131, 245
RGB Percent	15%, 51%, 96%
CMY	0.8550, 0.4861, 0.0397
CMYK	0.85, 0.46, 0.00, 0.04
HSL	213°, 91%, 55%
HSV	213°, 85%, 96%
XYZ	25.3469, 23.2214, 89.4394
YIQ	115.8900, -92.6180, 15.5260

Conversions

Conversions Part 2

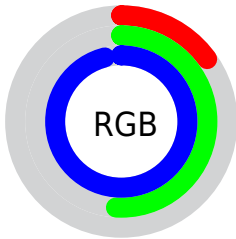
Format	Color
R _{YB}	37, 102, 245
Decimal	2458613
CIE Lab	55.30, 14.51, -64.38
CIE LCh	55, 65.991, 282.700
Yxy	23.2214, 0.1837, 0.1683
Android (android.graphics.Color)	4280648693 (0xFF2583F5)
YUV	115.8900, 63.6512, -69.1865
Hunter-Lab	48.1886, 9.5599, -76.3121

Details

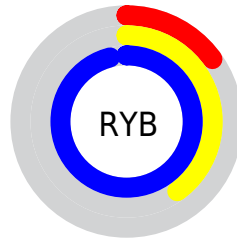
The YIQ color **115.8900, -92.6180, 15.5260** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **166.1100, 92.6180, -15.5260**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0720, -61.2560, 8.8240**, and **70.1530, -83.1730, 15.0590** is the 20% darker color. If you saturate the color by 10%, you get **100.7840, -103.9430, 17.0250**, and if you desaturate by 10%, it is **130.6970, -81.8890, 13.8150**.

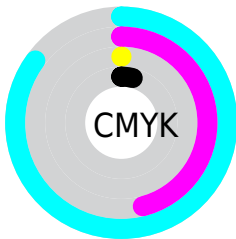
Distribution



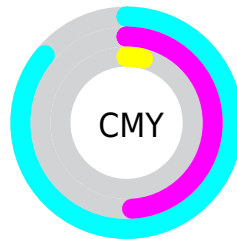
- Red (15%)
- Green (51%)
- Blue (96%)



- Red (15%)
- Yellow (40%)
- Blue (96%)



- Cyan (85%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (86%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8900, -92.6180, 15.5260 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 115.8900, -92.6180, 15.5260 by changing the saturation by 10% instead.

■ 115.8900,
-92.6180, 15.5260

■ 115.8900,
-92.6180, 15.5260

■ 255.0000, -0.0000,
-0.0000

■ 86.8460, -98.4860,
11.7380

■ 172.0720,
-61.2560, 8.8240

■ 70.1530, -83.1730,
15.0590

■ 198.3750,
-49.2880, 1.1760

■ 54.0470, -68.1350,
17.8570

■ 224.0800,
-38.5120, -6.8960

■ 38.6420, -53.6930,
20.4430

■ 243.0400,
-23.8400, -8.4800

■ 25.1120, -40.3970,
21.7710

■ 252.3090, -5.3640,
-1.9080

■ 15.8050, -29.3470,
19.7490

■ 10.1340, -20.2680,

14.9000

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 115.8900,
-92.6180, 15.5260

■ 115.8900,
-92.6180, 15.5260

■ 100.7840,
-103.9430, 17.0250

■ 130.6970,
-81.8890, 13.8150

■ 93.0870,
-109.1700, 18.1420

■ 146.3900,
-70.8390, 11.7930

■ 161.1970,
-60.1100, 10.0820

■ 176.8900,
-49.0600, 8.0600

■ 191.6970,
-38.3310, 6.3490

■ 206.8030,
-27.0060, 4.8500

■ 222.1970,
-16.5520, 2.6160

■ 237.3030, -5.2270,
1.1170

■ 252.0990, 4.0350,
-1.5410

Harmonies

Analogous

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



114.4640, -118.3820, -2.1420



115.8900, -92.6180, 15.5260



135.7080, -0.1920, 47.5520

Triad

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



115.8900, -92.6180, 15.5260



126.5810, 88.1190, 16.4630



102.5160, -73.7160, -51.7320

Complementary

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



115.8900, -92.6180, 15.5260



166.1100, 92.6180, -15.5260

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.



113.3120, -11.7280, -51.7920



115.8900, -92.6180, 15.5260



124.2930, 78.6810, -21.7590

Square

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



115.8900, -92.6180, 15.5260



124.8840, 84.0330, 46.4730



121.0830, 43.3810, -42.8190



111.1170, -93.8010, -34.6410

Rectangle

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



115.8900, -92.6180, 15.5260



133.2690, 37.9530, 55.5930



121.0830, 43.3810, -42.8190



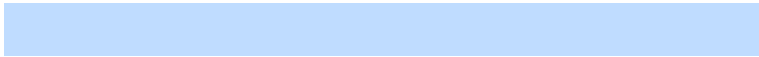
99.7630, -67.3420, -57.1180

Sweetspot

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



115.8900, -92.6180, 15.5260



215.3190, -28.5190, 4.7370



171.7500, -92.8310, -74.2630



104.0120, -17.4690, 2.7150



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.



115.8900, -92.6180, 15.5260



96.5750, -113.4800, 19.1600



62.8050, -62.5960, 66.1720



114.8900, -5.5020, 0.5940



70.5120, -82.8060, 13.9140



22.5750, -26.3640, 4.2280

Inverse Universe

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



109.9080, 93.7940, 73.3300



89.3550, 115.0650, 89.8250



219.1950, 62.5960, -66.1720



114.2720, 5.2260, 4.4100



65.1900, 83.8920, 65.5560



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 115.8900, -92.6180, 15.5260 looks on a white background.

Color Contrast Check

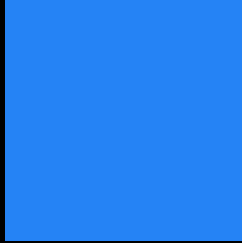
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8900, -92.6180, 15.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

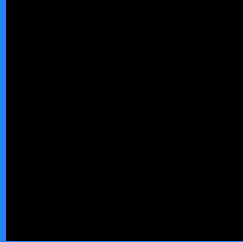
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

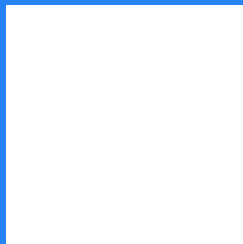
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.8900, -92.6180, 15.5260

Background



This preview shows how black text looks on a background with the YIQ color 115.8900, -92.6180, 15.5260.



This preview shows how white text looks on a background with the YIQ color 115.8900, -92.6180,

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

115.8900, -92.6180, 15.5260

Protanopia

124.7360, -68.4570, 23.6950

Deuteranopia

105.5620, -112.6060, 3.3140



Tritanopia

103.4860, -90.2260, -27.8420

Trichromacy



Original Color

115.8900, -92.6180, 15.5260

Protanomaly

121.5500, -76.8010, 20.7270

Deuteranomaly

109.2040, -105.5460, 7.5260

Tritanomaly

108.0860, -91.3750, -12.5190

Monochromacy



Original Color

115.8900, -92.6180, 15.5260

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.6220, -33.7460, 5.8540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8900, -92.6180, 15.5260 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(37, 131, 245)` looks like.

```
.text, #text, p{  
    color:rgb(37, 131, 245)  
}
```

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(37, 131, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 131, 245) }
```

Border

The CSS property to change the border of an element to YIQ 115.8900, -92.6180, 15.5260 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(37, 131, 245) }
```


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

```
.border{ border-color:rgb(37, 131, 245) }
```

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

Here you see how a box with a 4 pixel rgb(37, 131, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 131, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 131, 245);  
box-shadow:4px 4px 4px 4px rgb(37, 131,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8900, -92.6180, 15.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 131, 245) }
```

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

```
.background{ background-color: rgb(37, 131,  
245) }
```

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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