

Converting Colors

YIQ(95.1900, -110.9580,
17.5060)

Have a look what the booklet for
YIQ(95.1900, -110.9580, 17.5060)
contains.

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Color

**YIQ(95.1900, -110.9580,
17.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	0072F8
RGB	0, 114, 248
RGB Percent	0%, 45%, 97%
CMY	0.9997, 0.5528, 0.0280
CMYK	1.00, 0.54, 0.00, 0.03
HSL	212°, 100%, 49%
HSV	212°, 100%, 97%
XYZ	22.9445, 18.8142, 91.1163
YIQ	95.1900, -110.9580, 17.5060

Conversions

Conversions Part 2

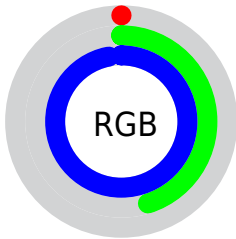
Format	Color
R _{YB}	0, 78, 248
Decimal	29432
CIE _{Lab}	50.47, 24.82, -73.87
CIE _{LCh}	50, 77.927, 288.574
Yxy	18.8142, 0.1727, 0.1416
Android (android.graphics.Color)	4278219512 (0xFF0072F8)
YUV	95.1900, 75.3353, -83.4816
Hunter-Lab	43.3754, 18.5153, -94.1846

Details

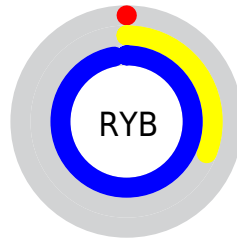
The YIQ color **95.1900, -110.9580, 17.5060** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **152.8100, 110.9580, -17.5060**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.1140, -61.0740, 16.5420**, and **61.5760, -79.6900, 23.5260** is the 20% darker color. If you saturate the color by 10%, you get **95.1900, -110.9580, 17.5060**, and if you desaturate by 10%, it is **110.2960, -99.6330, 16.0070**.

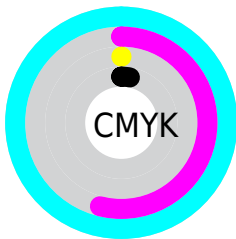
Distribution



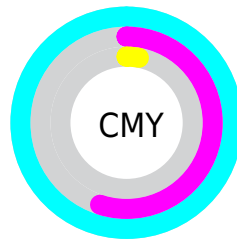
- Red (0%)
- Green (45%)
- Blue (97%)



- Red (0%)
- Yellow (31%)
- Blue (97%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (55%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1900, -110.9580, 17.5060 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 95.1900, -110.9580, 17.5060 by changing the saturation by 10% instead.

■ 95.1900,
-110.9580, 17.5060

■ 95.1900,
-110.9580, 17.5060

■ 255.0000, -0.0000,
-0.0000

■ 77.7960, -95.0490,
21.0390

■ 159.1140,
-61.0740, 16.5420

■ 61.5760, -79.6900,
23.5260

■ 185.1290,
-48.2350, 9.6290

■ 46.1710, -65.2480,
26.1120

■ 211.4320,
-36.2670, 1.9810

■ 32.5270, -51.6310,
27.1290

■ 237.4360,
-24.8950, -5.8790

■ 13.6000, -35.5390,
32.8530

■ 250.8140, -8.3440,
-2.9680

■ 16.0330, -29.9890,
20.3710

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 95.1900,
-110.9580, 17.5060

■ 110.2960,
-99.6330, 16.0070

■ 125.9890,
-88.5830, 13.9850

■ 140.7960,
-77.8540, 12.2740

■ 156.4890,
-66.8040, 10.2520

■ 171.5950,
-55.4790, 8.7530

■ 186.7010,
-44.1540, 7.2540

■ 202.3940,
-33.1040, 5.2320

■ 217.2010,
-22.3750, 3.5210

■ 232.8940,
-11.3250, 1.4990

Harmonies

Analogous

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



108.5600, -118.2920, 7.2440



95.1900, -110.9580, 17.5060



121.0400, 13.9730, 60.6690

Triad

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



95.1900, -110.9580, 17.5060



107.7810, 101.8750, 9.4510



96.7770, -69.9570, -48.2690

Complementary

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



95.1900, -110.9580, 17.5060



152.8100, 110.9580, -17.5060

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.



83.7930, -41.6640, -70.9440



95.1900, -110.9580, 17.5060



113.3290, 69.8320, -21.0800

Square

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



95.1900, -110.9580, 17.5060



96.1520, 104.2500, 60.0420



107.7160, 28.2970, -44.7830



105.2300, -92.3810, -27.3330

Rectangle

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



95.1900, -110.9580, 17.5060



110.0580, 58.2610, 73.0210



107.7160, 28.2970, -44.7830



92.8670, -61.7030, -54.6870

Sweetspot

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



95.1900, -110.9580, 17.5060



208.2090, -34.0210, 5.3310



160.6240, -110.5720, -88.6520



99.5710, -20.5410, 3.3230



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.



95.1900, -110.9580, 17.5060



97.7490, -114.0300, 18.1140



30.6640, -74.8400, 78.8240



117.0040, -5.8230, 0.9050



72.6150, -84.5940, 13.2780



23.3900, -27.2810, 4.3270

Inverse Universe

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



87.1480, 111.2140, 88.0300



89.5830, 114.4230, 90.4470



217.3360, 74.8400, -78.8240



116.5710, 5.8220, 4.6220



66.4290, 84.7170, 67.1250



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 95.1900, -110.9580, 17.5060 looks on a white background.

Color Contrast Check

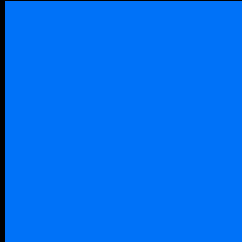
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.1900, -110.9580, 17.5060 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

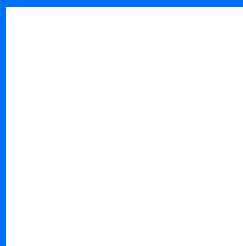
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.1900, -110.9580, 17.5060

Background



This preview shows how black text looks on a background with the YIQ color 95.1900, -110.9580, 17.5060.



This preview shows how white text looks on a background with the YIQ color 95.1900, -110.9580,

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

95.1900, -110.9580, 17.5060

Protanopia

95.4350, -110.2700, 16.0500

Deuteranopia

95.6680, -101.2810, 1.8150



Tritanopia

94.1450, -81.8360, -25.7080

Trichromacy



Original Color

95.1900, -110.9580, 17.5060

Protanomaly

95.5490, -110.5910, 16.3610

Deuteranomaly

95.3890, -104.6290, 7.4270

Tritanomaly

94.4820, -92.4300, -9.9180

Monochromacy



Original Color

95.1900, -110.9580, 17.5060

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0280, -40.7610, 6.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1900, -110.9580, 17.5060 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(0, 114, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 248)  
}
```

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(0, 114, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 248) }
```

Border

The CSS property to change the border of an element to YIQ 95.1900, -110.9580, 17.5060 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(0, 114, 248) }
```


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

```
.border{ border-color:rgb(0, 114, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1900, -110.9580, 17.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 248) }
```

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

```
.background{ background-color: rgb(0, 114,  
248) }
```

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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