

Converting Colors

YIQ(94.8580, -89.5920, 15.7520)

Have a look what the booklet for
YIQ(94.8580, -89.5920, 15.7520)
contains.

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Color

**YIQ(94.8580, -89.5920,
15.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	136DDD
RGB	19, 109, 221
RGB Percent	7%, 43%, 87%
CMY	0.9255, 0.5724, 0.1338
CMYK	0.91, 0.51, 0.00, 0.13
HSL	213°, 84%, 47%
HSV	213°, 91%, 87%
XYZ	18.7767, 16.2979, 70.4840
YIQ	94.8580, -89.5920, 15.7520

Conversions

Conversions Part 2

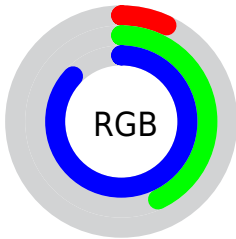
Format	Color
R _Y B	19, 81, 221
Decimal	1273309
CIE Lab	47.36, 18.09, -63.76
CIE LCh	47, 66.280, 285.836
Yxy	16.2979, 0.1779, 0.1544
Android (android.graphics.Color)	4279463389 (0xFF136DDD)
YUV	94.8580, 62.1880, -66.5275
Hunter-Lab	40.3707, 12.3727, -75.2561

Details

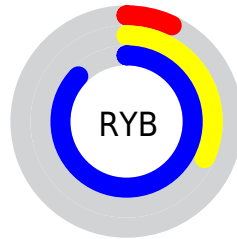
The YIQ color **94.8580, -89.5920, 15.7520** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **145.1420, 89.5920, -15.7520**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9830, -62.0830, 18.3090**, and **55.7910, -70.2900, 18.3660** is the 20% darker color. If you saturate the color by 10%, you get **83.3070, -98.1660, 16.9540**, and if you desaturate by 10%, it is **108.4800, -79.7800, 14.1400**.

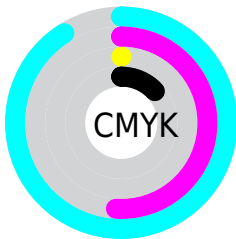
Distribution



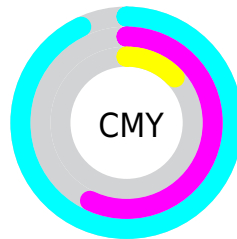
- Red (7%)
- Green (43%)
- Blue (87%)



- Red (7%)
- Yellow (32%)
- Blue (87%)



- Cyan (91%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8580, -89.5920, 15.7520 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 94.8580, -89.5920, 15.7520 by changing the saturation by 10% instead.

■ 94.8580, -89.5920,
15.7520

■ 94.8580, -89.5920,
15.7520

■ 255.0000, -0.0000,
-0.0000

■ 71.8970, -85.3280,
15.5680

■ 154.9830,
-62.0830, 18.3090

■ 55.7910, -70.2900,
18.3660

■ 180.6990,
-49.8400, 11.1840

■ 40.3860, -55.8480,
20.9520

■ 205.8170,
-38.7890, 3.6350

■ 26.8560, -42.5520,
22.2800

■ 231.5220,
-28.0130, -4.4370

■ 14.0270, -29.8520,
23.3960

■ 248.4220,
-13.1120, -4.6640

■ 10.5900, -21.5520,
16.1440

■ 6.2070, -13.3440,

10.5600

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 94.8580, -89.5920,
15.7520

■ 94.8580, -89.5920,
15.7520

■ 83.3070, -98.1660,
16.9540

■ 108.4800,
-79.7800, 14.1400

■ 122.6890,
-70.2430, 12.0050

■ 136.3110,
-60.4310, 10.3930

■ 149.9330,
-50.6190, 8.7810

■ 163.5550,
-40.8070, 7.1690

■ 177.4760,
-30.3990, 5.7690

■ 191.6850,
-20.8620, 3.6340

■ 205.3070,
-11.0500, 2.0220

■ 218.9290, -1.2380,
0.4100

Harmonies

Analogous

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



99.1560, -105.5910, 2.8330



94.8580, -89.5920, 15.7520



114.7580, 5.5390, 48.3150

Triad

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



94.8580, -89.5920, 15.7520



104.2060, 84.6810, 12.6890



88.7070, -63.7680, -44.7920

Complementary

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



94.8580, -89.5920, 15.7520



145.1420, 89.5920, -15.7520

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.



88.5710, -22.8230, -54.4630



94.8580, -89.5920, 15.7520



105.9420, 66.6680, -18.8040

Square

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



94.8580, -89.5920, 15.7520



99.7700, 84.3540, 46.1620



102.4440, 32.2390, -39.1290



96.4930, -82.9360, -27.8000

Rectangle

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



94.8580, -89.5920, 15.7520



109.5470, 43.0420, 56.9780



102.4440, 32.2390, -39.1290



85.8400, -57.0730, -50.4890

Sweetspot

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



94.8580, -89.5920, 15.7520



212.0630, -30.6740, 5.2460



150.2280, -91.1810, -71.1250



102.2400, -18.1110, 3.3370



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.



94.8580, -89.5920, 15.7520



95.9880, -113.2050, 19.6830



45.0180, -58.8820, 64.9420



103.1890, -4.9060, 0.8060



64.9210, -76.7080, 13.5320



16.9840, -20.2660, 3.8460

Inverse Universe

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



89.6580, 91.5020, 70.8140



89.2410, 115.3860, 89.5140



194.9820, 58.8820, -64.9420



102.8590, 4.9510, 3.8870



60.5050, 78.3910, 60.6230



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 94.8580, -89.5920, 15.7520 looks on a white background.

Color Contrast Check

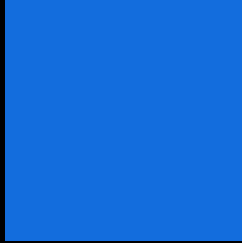
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 94.8580, -89.5920, 15.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

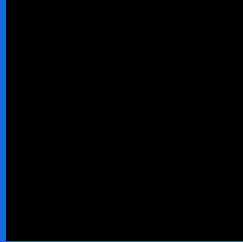
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

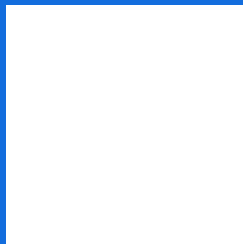
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.8580, -89.5920, 15.7520

Background



This preview shows how black text looks on a background with the YIQ color 94.8580, -89.5920, 15.7520.



This preview shows how white text looks on a background with the YIQ color 94.8580, -89.5920,

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

94.8580, -89.5920, 15.7520

Protanopia

101.0340, -75.2880, 20.8400

Deuteranopia

89.4900, -94.9080, 1.9560



Tritanopia

87.8360, -76.4720, -23.8000

Trichromacy



Original Color

94.8580, -89.5920, 15.7520

Protanomaly

98.6420, -80.0560, 19.1440

Deuteranomaly

91.3210, -92.7540, 6.9740

Tritanomaly

90.6420, -81.1970, -9.7490

Monochromacy



Original Color

94.8580, -89.5920, 15.7520

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.8070, -32.8290, 5.7550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8580, -89.5920, 15.7520 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(19, 109, 221)` looks like.

```
.text, #text, p{  
    color:rgb(19, 109, 221)  
}
```

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(19, 109, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 109, 221) }
```

Border

The CSS property to change the border of an element to YIQ 94.8580, -89.5920, 15.7520 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(19, 109, 221) }
```


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

```
.border{ border-color:rgb(19, 109, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 109, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 109, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 109, 221);  
box-shadow:4px 4px 4px 4px rgb(19, 109,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8580, -89.5920, 15.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 109, 221) }
```

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

```
.background{ background-color: rgb(19, 109,  
221) }
```

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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