

Converting Colors

YIQ(119.4320, 95.5480, 8.4760)

Have a look what the booklet for
YIQ(119.4320, 95.5480, 8.4760)
contains.

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Color

**YIQ(119.4320, 95.5480,
8.4760)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D8581C |
| RGB | 216, 88, 28 |
| RGB Percent | 85%, 35%, 11% |
| CMY | 0.1527, 0.6551, 0.8898 |
| CMYK | 0.00, 0.59, 0.87, 0.15 |
| HSL | 19°, 77%, 48% |
| HSV | 19°, 87%, 85% |
| XYZ | 32.0352, 21.6643, 3.5986 |
| YIQ | 119.4320, 95.5480, 8.4760 |

Conversions

Conversions Part 2

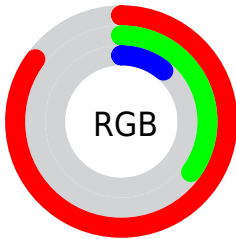
| Format | Color |
|-------------------------------------|--|
| RYB | 216, 116, 28 |
| Decimal | 14178332 |
| CIELab | 53.67, 47.67, 55.94 |
| CIELCh | 54, 73.490, 49.564 |
| Yxy | 21.6643, 0.5591, 0.3781 |
| Android (android.graphics.Color) | 4292368412 (0xFFD8581C) |
| YUV | 119.4320, -45.0760, 84.6901 |
| Hunter-Lab | 46.5449, 41.4019, 27.9974 |

Details

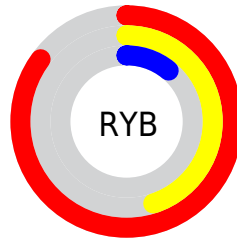
The YIQ color **119.4320, 95.5480, 8.4760** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **124.5680, -95.5480, -8.4760**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.6050, 87.5710, 4.3630**, and **65.1180, 82.1130, 15.1770** is the 20% darker color. If you saturate the color by 10%, you get **108.2330, 106.4140, 9.7900**, and if you desaturate by 10%, it is **130.7450, 84.3610, 7.4730**.

Distribution



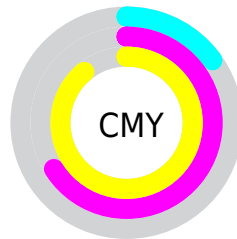
- Red (85%)
- Green (35%)
- Blue (11%)



- Red (85%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (87%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4320, 95.5480, 8.4760 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 119.4320, 95.5480, 8.4760 by changing the saturation by 10% instead.


 119.4320, 95.5480,
8.4760


 119.4320, 95.5480,
8.4760


255.0000, -0.0000,
-0.0000


 90.8230, 92.8890,
7.1050


 168.6050, 87.5710,
4.3630


 65.1180, 82.1130,
15.1770

 187.4180, 71.8000,
-1.6720


 36.4780, 72.7120,
25.8640


 206.8180, 55.7540,
-8.2300

 27.5080, 54.8320,
19.5040

 226.9190, 39.1120,
-15.0000

 19.2500, 37.8230,
13.8790

 247.0200, 22.4700,
-21.7700

 10.2800, 19.9430,
7.5190

 250.3260, 13.1610,

 0.0000, 0.0000,

-12.7510

0.0000

253.5180, 4.1730,
-4.0430

119.4320, 95.5480,
8.4760

119.4320, 95.5480,
8.4760

108.2330,
106.4140, 9.7900

130.7450, 84.3610,
7.4730

105.0870,
109.7610, 9.7050

141.3570, 73.7700,
6.6820

152.6700, 62.5830,
5.6790

163.9830, 51.3960,
4.6760

175.1820, 40.5300,
3.3620

■ 185.9080, 29.6180,
2.8820

■ 197.1070, 18.7520,
1.5680

■ 208.4200, 7.5650,
0.5650

■ 219.7330, -3.6220,
-0.4380

Harmonies

Analogous

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



114.2940, 97.5580, 49.1580



119.4320, 95.5480, 8.4760



120.9930, 70.6580, -25.0380

Triad

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



119.4320, 95.5480, 8.4760



102.7270, -75.6880, -49.0320



118.5490, -75.0600, 27.7240

Complementary

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



119.4320, 95.5480, 8.4760



124.5680, -95.5480, -8.4760

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.



112.3100, -120.5840, 4.7280



119.4320, 95.5480, 8.4760



110.8380, -97.1490, -29.0290

Square

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



119.4320, 95.5480, 8.4760



92.0510, -51.0180, -66.6180



115.3470, -113.9790, -10.3550



130.4160, 15.6700, 57.4460

Rectangle

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



119.4320, 95.5480, 8.4760



118.4470, 45.3520, -39.9920



115.3470, -113.9790, -10.3550



105.3800, -117.6050, 11.3150

Sweetspot

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



119.4320, 95.5480, 8.4760



221.0610, 33.5610, 3.0090



98.9180, 70.6390, 79.9750



107.5910, 20.2650, 1.6810



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.



119.4320, 95.5480, 8.4760



123.7920, 129.7050, 11.6970



174.6100, 69.6980, -40.6860



101.6370, 5.4560, 0.2400



82.8270, 87.0660, 8.0100



21.0750, 21.7780, 1.7940

Inverse Universe

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



124.5680, -95.5480, -8.4760



131.2080, -129.7050, -11.6970



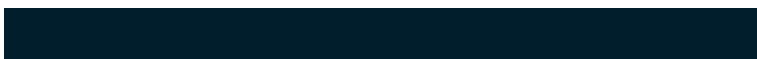
69.9770, -69.9730, 40.1630



101.9500, -5.7310, -0.7630



87.5860, -86.7910, -7.4870



22.5120, -22.0530, -2.3170

Previews

White Background



This preview shows how the YIQ color 119.4320, 95.5480, 8.4760 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 119.4320, 95.5480, 8.4760 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 119.4320, 95.5480, 8.4760

Background



This preview shows how black text looks on a background with the YIQ color 119.4320, 95.5480, 8.4760.



This preview shows how white text looks on a background with the YIQ color 119.4320, 95.5480,

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

119.4320, 95.5480, 8.4760

Protanopia

123.1110, 38.1510, -25.1210

Deuteranopia

120.3510, 63.5980, -29.2500



Tritanopia

123.2340, 79.4510, 30.3870

Trichromacy



Original Color

119.4320, 95.5480, 8.4760

Protanomaly

121.6240, 59.0560, -13.0080

Deuteranomaly

120.1280, 75.0120, -15.8360

Tritanomaly

121.7150, 85.0460, 22.5980

Monochromacy



Original Color

119.4320, 95.5480, 8.4760

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2460, 34.4780, 2.9100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4320, 95.5480, 8.4760 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(216, 88, 28)` looks like.

```
.text, #text, p{  
    color:rgb(216, 88, 28)  
}
```

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(216, 88, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 88, 28) }
```

Border

The CSS property to change the border of an element to YIQ 119.4320, 95.5480, 8.4760 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(216, 88, 28) }
```


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

```
.border{ border-color:rgb(216, 88, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 88, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 88, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 88, 28);  
box-shadow:4px 4px 4px 4px rgb(216, 88,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4320, 95.5480, 8.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 88, 28) }
```

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

```
.background{ background-color: rgb(216, 88,  
28) }
```

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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