

Converting Colors

YIQ(118.1440, 96.4190, 9.2110)

Have a look what the booklet for
YIQ(118.1440, 96.4190, 9.2110)
contains.

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Color

**YIQ(118.1440, 96.4190,
9.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	D8561B
RGB	216, 86, 27
RGB Percent	85%, 34%, 11%
CMY	0.1527, 0.6629, 0.8937
CMYK	0.00, 0.60, 0.87, 0.15
HSL	19°, 78%, 48%
HSV	19°, 87%, 85%
XYZ	31.8620, 21.3360, 3.4825
YIQ	118.1440, 96.4190, 9.2110

Conversions

Conversions Part 2

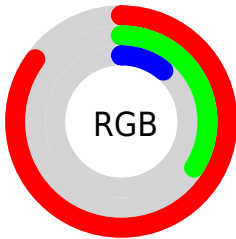
Format	Color
R_{YB}	216, 113, 27
Decimal	14177819
CIE Lab	53.32, 48.56, 56.02
CIE LCh	53, 74.141, 49.081
Yxy	21.3360, 0.5621, 0.3764
Android (android.graphics.Color)	4292367899 (0xFFD8561B)
YUV	118.1440, -44.9340, 85.8197
Hunter-Lab	46.1909, 42.2932, 27.8635

Details

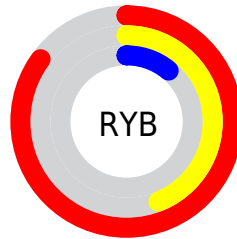
The YIQ color **118.1440, 96.4190, 9.2110** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **124.8560, -96.4190, -9.2110**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3170, 88.4420, 5.0980**, and **63.3570, 82.9380, 16.7460** is the 20% darker color. If you saturate the color by 10%, you get **106.9450, 107.2850, 10.5250**, and if you desaturate by 10%, it is **129.4570, 85.2320, 8.2080**.

Distribution



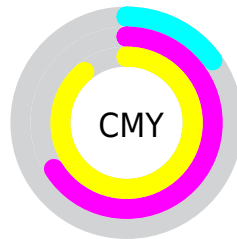
- Red (85%)
- Green (34%)
- Blue (11%)



- Red (85%)
- Yellow (44%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (87%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.1440, 96.4190, 9.2110 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 118.1440, 96.4190, 9.2110 by changing the saturation by 10% instead.

118.1440, 96.4190,
9.2110

118.1440, 96.4190,
9.2110

255.0000, -0.0000,
-0.0000

89.6490, 93.4390,
8.1510

167.3170, 88.4420,
5.0980

63.3570, 82.9380,
16.7460

186.1300, 72.6710,
-0.9370

36.4780, 72.7120,
25.8640

205.5300, 56.6250,
-7.4950

27.5080, 54.8320,
19.5040

225.6310, 39.9830,
-14.2650

19.2500, 37.8230,
13.8790

245.7320, 23.3410,
-21.0350

10.2800, 19.9430,
7.5190

250.0980, 13.8030,

0.0000, 0.0000,

-13.3730

0.0000

253.4040, 4.4940,
-4.3540

118.1440, 96.4190,
9.2110

118.1440, 96.4190,
9.2110

106.9450,
107.2850, 10.5250

129.4570, 85.2320,
8.2080

103.9130,
110.3110, 10.7510

140.6560, 74.3660,
6.8940

151.9690, 63.1790,
5.8910

162.6950, 52.2670,
5.4110

173.8940, 41.4010,
4.0970

■ 185.2070, 30.2140,
3.0940

■ 196.4060, 19.3480,
1.7800

■ 207.7190, 8.1610,
0.7770

■ 219.0320, -3.0260,
-0.2260

Harmonies

Analogous

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



112.2340, 97.7870, 50.5150



118.1440, 96.4190, 9.2110



119.8190, 71.2080, -23.9920

Triad

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



118.1440, 96.4190, 9.2110



101.9120, -74.7710, -49.1310



116.1570, -79.8280, 26.0280

Complementary

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



118.1440, 96.4190, 9.2110



124.8560, -96.4190, -9.2110

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



118.1440, 96.4190, 9.2110



110.0230, -96.2320, -29.1280

Square

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



118.1440, 96.4190, 9.2110



90.7090, -50.0550, -67.5510



114.6460, -113.3830, -10.1430



129.3450, 14.4320, 57.8560

Rectangle

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



118.1440, 96.4190, 9.2110



117.8600, 45.6270, -39.4690



114.6460, -113.3830, -10.1430



104.7930, -117.3300, 11.8380

Sweetspot

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



118.1440, 96.4190, 9.2110



220.4740, 33.8360, 3.5320



98.5590, 70.2720, 81.1200



107.0040, 20.5400, 2.2040



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.



118.1440, 96.4190, 9.2110



122.6180, 130.2550, 12.7430



172.1480, 71.1190, -38.9050



101.6370, 5.4560, 0.2400



82.2400, 87.3410, 8.5330



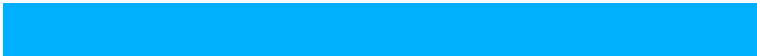
20.4880, 22.0530, 2.3170

Inverse Universe

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



124.8560, -96.4190, -9.2110



132.3820, -130.2550, -12.7430



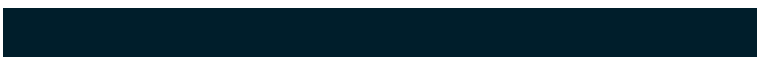
70.8520, -71.1190, 38.9050



101.9500, -5.7310, -0.7630



88.7600, -87.3410, -8.5330



22.5120, -22.0530, -2.3170

Previews

White Background



This preview shows how the YIQ color 118.1440, 96.4190, 9.2110 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 118.1440, 96.4190, 9.2110 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 118.1440, 96.4190, 9.2110

Background



This preview shows how black text looks on a background with the YIQ color 118.1440, 96.4190, 9.2110.



This preview shows how white text looks on a background with the YIQ color 118.1440, 96.4190,

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

118.1440, 96.4190, 9.2110

Protanopia

122.2250, 37.8300, -24.8100

Deuteranopia

119.4650, 63.2770, -28.9390



Tritanopia

121.8320, 80.6430, 30.8110

Trichromacy



Original Color

118.1440, 96.4190, 9.2110

Protanomaly

121.0370, 59.3310, -12.4850

Deuteranomaly

118.9540, 75.5620, -14.7900

Tritanomaly

120.3130, 86.2380, 23.0220

Monochromacy



Original Color

118.1440, 96.4190, 9.2110

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9580, 35.3490, 3.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1440, 96.4190, 9.2110 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, 86, 27)` looks like.

```
.text, #text, p{  
    color:rgb(216, 86, 27)  
}
```

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, 86, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 86, 27) }
```

Border

The CSS property to change the border of an element to YIQ 118.1440, 96.4190, 9.2110 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, 86, 27) }
```


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

```
.border{ border-color:rgb(216, 86, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 86, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 86, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 86, 27);  
box-shadow:4px 4px 4px 4px rgb(216, 86,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1440, 96.4190, 9.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 86, 27) }
```

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

```
.background{ background-color: rgb(216, 86,  
27) }
```

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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