

Converting Colors

YIQ(81.4590, 118.4220, 34.4700)

Have a look what the booklet for
YIQ(81.4590, 118.4220, 34.4700)
contains.

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Color

**YIQ(81.4590, 118.4220,
34.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	D81B09
RGB	216, 27, 9
RGB Percent	85%, 11%, 4%
CMY	0.1525, 0.8943, 0.9642
CMYK	0.00, 0.88, 0.96, 0.15
HSL	5°, 92%, 44%
HSV	5°, 96%, 85%
XYZ	28.7921, 15.4162, 1.7201
YIQ	81.4590, 118.4220, 34.4700

Conversions

Conversions Part 2

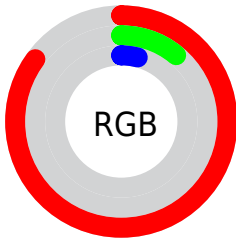
Format	Color
RYB	216, 29, 9
Decimal	14162697
CIELab	46.20, 67.70, 57.06
CIElCh	46, 88.537, 40.123
Yxy	15.4162, 0.6269, 0.3357
Android (android.graphics.Color)	4292352777 (0xFFD81B09)
YUV	81.4590, -35.7223, 117.9925
Hunter-Lab	39.2635, 62.1837, 24.8870

Details

The YIQ color **81.4590, 118.4220, 34.4700** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **143.5410, -118.4220, -34.4700**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.5510, 105.9990, 22.8230**, and **45.1490, 89.9960, 32.0120** is the 20% darker color. If you saturate the color by 10%, you get **75.7370, 123.5110, 35.8550**, and if you desaturate by 10%, it is **95.7070, 105.8600, 30.8520**.

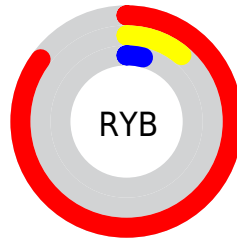
Distribution



Red (85%)

Green (11%)

Blue (4%)



Red (85%)

Yellow (11%)

Blue (4%)

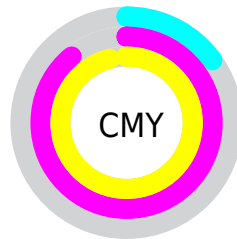


Cyan (0%)

Magenta (88%)

Yellow (96%)

Black (15%)



Cyan (15%)


Magenta (89%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 81.4590, 118.4220, 34.4700 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 81.4590, 118.4220, 34.4700 by changing the saturation by 10% instead.


 81.4590, 118.4220,
34.4700


 81.4590, 118.4220,
34.4700


 254.3160, 1.9260,
-1.8660


 54.7170, 109.0680,
38.7960


 139.5510,
105.9990, 22.8230


 45.1490, 89.9960,
32.0120


 159.4240, 89.9990,
15.4310


 35.5810, 70.9240,
25.2280


 179.2970, 73.9990,
8.0390

 26.4260, 52.1270,
18.9670

 199.8710, 57.4030,
0.4350

 17.5700, 33.9260,
12.9180

 219.9720, 40.7610,
-6.3350

 5.6810, 11.3240,
4.0280

 240.7740, 23.5230,

 0.0000, 0.0000,

-13.3170

0.0000

251.0100, 11.2350,
-10.8850

81.4590, 118.4220,
34.4700

81.4590, 118.4220,
34.4700

75.7370, 123.5110,
35.8550

95.7070, 105.8600,
30.8520

109.2540, 93.8940,
27.4460

123.5020, 81.3320,
23.8280

137.7500, 68.7700,
20.2100

151.8840, 56.5290,
16.2810

■ 165.5450, 44.2420,
13.1860

■ 179.6790, 32.0010,
9.2570

■ 193.9270, 19.4390,
5.6390

■ 208.1750, 6.8770,
2.0210

Harmonies

Analogous

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



79.6990, 110.6200, 76.7640



81.4590, 118.4220, 34.4700



102.2090, 79.4580, -8.3020

Triad

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



81.4590, 118.4220, 34.4700



85.9880, -54.7340, -54.3340



94.8140, -112.6550, 20.7290

Complementary

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



81.4590, 118.4220, 34.4700



143.5410, -118.4220, -34.4700

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.



106.0980, -116.8710, 9.0250



81.4590, 118.4220, 34.4700



96.2820, -80.9640, -30.5000

Square

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



81.4590, 118.4220, 34.4700



75.7230, -35.4750, -67.4670



104.3760, -103.7550, -8.4190



109.1650, -11.2440, 60.6280

Rectangle

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



81.4590, 118.4220, 34.4700



102.8750, 50.4390, -27.5530



104.3760, -103.7550, -8.4190



99.5100, -114.8550, 16.5450

Sweetspot

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



81.4590, 118.4220, 34.4700



206.6480, 42.4540, 12.5500



92.5530, 62.3820, 102.9740



98.8030, 25.7200, 7.4480



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.



81.4590, 118.4220, 34.4700



89.1590, 145.9300, 42.5540



141.9200, 90.0970, -19.3990



99.8760, 6.2810, 1.8090



59.9340, 97.7910, 28.4070



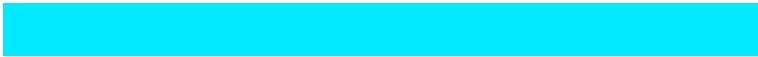
15.2050, 24.5280, 7.0240

Inverse Universe

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



143.5410, -118.4220, -34.4700



165.8410, -145.9300, -42.5540



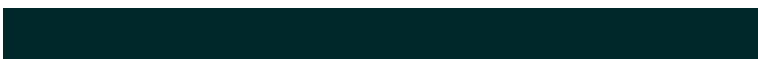
83.0800, -90.0970, 19.3990



103.1240, -6.2810, -1.8090



111.0660, -97.7910, -28.4070



28.3820, -24.8030, -7.5470

Previews

White Background



This preview shows how the YIQ color 81.4590, 118.4220, 34.4700 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 81.4590, 118.4220, 34.4700 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 81.4590, 118.4220, 34.4700

Background



This preview shows how black text looks on a background with the YIQ color 81.4590, 118.4220, 34.4700.



This preview shows how white text looks on a background with the YIQ color 81.4590, 118.4220,

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

81.4590, 118.4220, 34.4700

Protanopia

105.5390, 34.0700, -22.7460

Deuteranopia

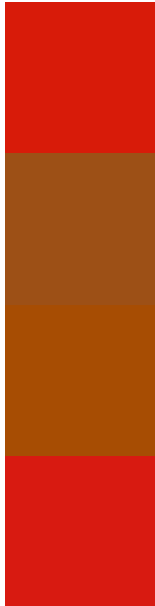
103.1960, 53.9690, -25.4470



Tritanopia

82.2400, 114.8450, 38.7250

Trichromacy



Original Color

81.4590, 118.4220, 34.4700

Protanomaly

96.4110, 64.5100, -1.7140

Deuteranomaly

95.4740, 77.3940, -3.9340

Tritanomaly

81.7840, 116.1290, 37.4810

Monochromacy



Original Color

81.4590, 118.4220, 34.4700

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.9470, 43.0500, 12.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.4590, 118.4220, 34.4700 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, 27, 9)` looks like.

```
.text, #text, p{  
    color:rgb(216, 27, 9)  
}
```

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, 27, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 27, 9) }
```

Border

The CSS property to change the border of an element to YIQ 81.4590, 118.4220, 34.4700 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, 27, 9) }
```


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

```
.border{ border-color:rgb(216, 27, 9) }
```

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

Here you see how a box with a 4 pixel rgb(216, 27, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 27, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 27, 9);  
box-shadow:4px 4px 4px 4px rgb(216, 27, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.4590, 118.4220, 34.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 27, 9) }
```

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

```
.background{ background-color: rgb(216, 27,  
9) }
```

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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