

Converting Colors

YIQ(118.1590, 84.0360, 29.8920)

Have a look what the booklet for
YIQ(118.1590, 84.0360, 29.8920)
contains.

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Color

**YIQ(118.1590, 84.0360,
29.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	D94C4C
RGB	217, 76, 76
RGB Percent	85%, 30%, 30%
CMY	0.1487, 0.7022, 0.7016
CMYK	0.00, 0.65, 0.65, 0.15
HSL	360°, 65%, 57%
HSV	360°, 65%, 85%
XYZ	32.5285, 20.4485, 9.0855
YIQ	118.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

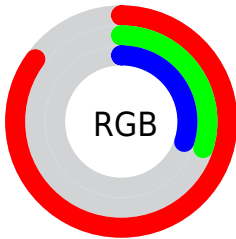
Format	Color
RYB	217, 76, 76
Decimal	14240844
CIELab	52.34, 55.17, 30.43
CIElCh	52, 63.006, 28.882
Yxy	20.4485, 0.5241, 0.3295
Android (android.graphics.Color)	4292430924 (0xFFD94C4C)
YUV	118.1590, -20.7844, 86.6836
Hunter-Lab	45.2201, 49.2669, 19.7416

Details

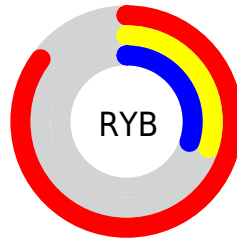
The YIQ color **118.1590, 84.0360, 29.8920** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **174.8410, -84.0360, -29.8920**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **167.3920, 75.8300, 24.4220**, and **53.5150, 80.4580, 39.6740** is the 20% darker color. If you saturate the color by 10%, you get **102.7370, 97.1480, 34.5560**, and if you desaturate by 10%, it is **133.5810, 70.9240, 25.2280**.

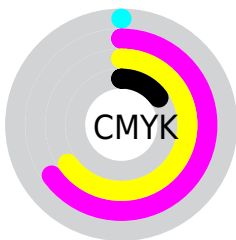
Distribution



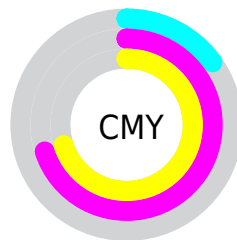
- Red (85%)
- Green (30%)
- Blue (30%)



- Red (85%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (65%)
- Black (15%)





- Cyan (15%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.1590, 84.0360, 29.8920 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 118.1590, 84.0360, 29.8920 by changing the saturation by 10% instead.


 118.1590, 84.0360,
29.8920


 118.1590, 84.0360,
29.8920


255.0000, -0.0000,
-0.0000


 89.2450, 80.9180,
31.3340


 167.3920, 75.8300,
24.4220


 53.5150, 80.4580,
39.6740


 186.7920, 59.7840,
17.8640

 38.5150, 71.2900,
29.6100


 206.8930, 43.1420,
11.0940

 28.4050, 56.6200,
20.1400

 226.9940, 26.5000,
4.3240

 20.2610, 39.2900,
14.8260

 247.3230, 9.2160,
-1.8240

 10.8780, 21.1350,
7.9430

 0.0000, 0.0000,

0.0000

■ 118.1590, 84.0360,
29.8920

■ 118.1590, 84.0360,
29.8920

■ 102.7370, 97.1480,
34.5560

■ 133.5810, 70.9240,
25.2280

■ 88.0160, 109.6640,
39.0080

■ 148.3020, 58.4080,
20.7760

■ 72.5940, 122.7760,
43.6720

■ 163.7240, 45.2960,
16.1120

■ 64.8830, 129.3320,
46.0040

■ 179.1460, 32.1840,
11.4480

■ 193.9810, 19.3470,
7.3070

■ 209.2890, 6.5560,
2.3320

■ 224.7110, -6.5560,
-2.3320

■ 240.1330,
-19.6680, -6.9960

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



119.2170, 70.0940, 51.2940



118.1590, 84.0360, 29.8920



119.3710, 79.1820, -3.2980

Triad

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



118.1590, 84.0360, 29.8920



92.5250, -60.7400, -55.6200



104.1600, -111.4140, 3.7380

Complementary

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



118.1590, 84.0360, 29.8920



174.8410, -84.0360, -29.8920

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.



109.2660, -109.2570, -7.8250



118.1590, 84.0360, 29.8920



101.2570, -79.8160, -40.2960

Square

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



118.1590, 84.0360, 29.8920



110.2910, 19.1280, -49.3200



107.5270, -97.4710, -23.1910



125.5190, -30.8170, 35.3830

Rectangle

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



118.1590, 84.0360, 29.8920



117.4380, 67.9070, -24.7410



107.5270, -97.4710, -23.1910



106.7530, -111.8260, 0.1900

Sweetspot

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



118.1590, 84.0360, 29.8920



219.2490, 30.3960, 10.8120



133.6350, 37.5830, 73.3190



106.2690, 18.4760, 6.5720



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.



118.1590, 84.0360, 29.8920



115.5010, 118.6040, 42.1880



158.0750, 65.3360, -5.6720



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Inverse Universe

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



118.1590, 84.0360, 29.8920



115.5010, 118.6040, 42.1880



134.9250, -65.3360, 5.6720



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 118.1590, 84.0360, 29.8920 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 118.1590, 84.0360, 29.8920 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 118.1590, 84.0360, 29.8920

Background



This preview shows how black text looks on a background with the YIQ color 118.1590, 84.0360, 29.8920.



This preview shows how white text looks on a background with the YIQ color 118.1590, 84.0360,

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

118.1590, 84.0360, 29.8920

Protanopia

124.3850, 14.6730, -7.1110

Deuteranopia

124.0530, 36.0390, -8.8650



Tritanopia

118.0280, 83.0270, 31.6590

Trichromacy



Original Color

118.1590, 84.0360, 29.8920

Protanomaly

121.9910, 39.7500, 6.4860

Deuteranomaly

121.8800, 53.1840, 5.3120

Tritanomaly

117.9140, 83.3480, 31.3480

Monochromacy



Original Color

118.1590, 84.0360, 29.8920

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2490, 30.3960, 10.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1590, 84.0360, 29.8920 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(217, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(217, 76, 76)  
}
```

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(217, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 76, 76) }
```

Border

The CSS property to change the border of an element to YIQ 118.1590, 84.0360, 29.8920 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(217, 76, 76) }
```


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

```
.border{ border-color:rgb(217, 76, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 76, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(217, 76,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1590, 84.0360, 29.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 76, 76) }
```

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

```
.background{ background-color: rgb(217, 76,  
76) }
```

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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