

Converting Colors

YIQ(84.2950, 122.1800, 43.4600)

Have a look what the booklet for
YIQ(84.2950, 122.1800, 43.4600)
contains.

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Color

**YIQ(84.2950, 122.1800,
43.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	E41717
RGB	228, 23, 23
RGB Percent	89%, 9%, 9%
CMY	0.1054, 0.9100, 0.9093
CMYK	0.00, 0.90, 0.90, 0.11
HSL	360°, 82%, 49%
HSV	360°, 90%, 89%
XYZ	32.4950, 17.1861, 2.4217
YIQ	84.2950, 122.1800, 43.4600

Conversions

Conversions Part 2

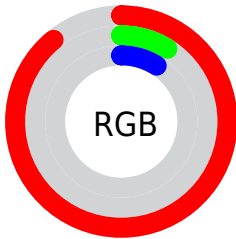
Format	Color
R_{YB}	228, 23, 23
Decimal	14948119
CIE _{Lab}	48.49, 71.63, 54.95
CIE _{LCh}	48, 90.280, 37.494
Yxy	17.1861, 0.6237, 0.3298
Android (android.graphics.Color)	4293138199 (0xFFE41717)
YUV	84.2950, -30.2184, 126.0293
Hunter-Lab	41.4561, 67.3675, 25.5558

Details

The YIQ color **84.2950, 122.1800, 43.4600** 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 **166.7050, -122.1800, -43.4600**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2780, 102.5140, 25.4100**, and **48.4380, 96.5520, 34.3440** is the 20% darker color. If you saturate the color by 10%, you get **68.1720, 135.8880, 48.3360**, and if you desaturate by 10%, it is **100.4180, 108.4720, 38.5840**.

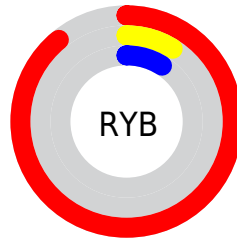
Distribution



Red (89%)

Green (9%)

Blue (9%)



Red (89%)

Yellow (9%)

Blue (9%)

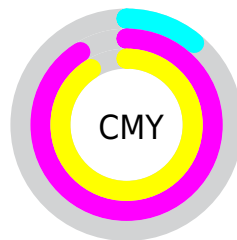


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (11%)



Cyan (11%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.2950, 122.1800, 43.4600 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 84.2950, 122.1800, 43.4600 by changing the saturation by 10% instead.


 84.2950, 122.1800,
43.4600


 84.2950, 122.1800,
43.4600


255.0000, -0.0000,
-0.0000

 58.3050, 116.2200,
41.3400


 141.2780,
102.5140, 25.4100


 48.4380, 96.5520,
34.3440


 161.7380, 86.2390,
17.4950


 38.8700, 77.4800,
27.5600


 181.7250, 69.9180,
10.4140

 29.4160, 58.0870,
21.0870

 202.2990, 53.3220,
2.8100

 20.9730, 40.1610,
15.5610

 222.9870, 36.4050,
-4.4830

 10.8780, 21.1350,
7.9430


 243.7890, 19.1670,


 0.0000, 0.0000,


-11.4650


0.0000


 252.2640, 7.7040,
-7.4640

 84.2950, 122.1800,
43.4600

 84.2950, 122.1800,
43.4600


 68.1720, 135.8880,
48.3360

 100.4180,
108.4720, 38.5840

 116.5410, 94.7640,
33.7080

 132.0770, 81.3310,
29.3550

 148.0860, 67.9440,
24.1680

 164.2090, 54.2360,
19.2920

180.3320, 40.5280,
14.4160

196.4550, 26.8200,
9.5400

211.8770, 13.7080,
4.8760

228.0000, 0.0000,
0.0000

Harmonies

Analogous

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



84.0570, 112.7280, 82.6160



84.2950, 122.1800, 43.4600



106.9710, 86.0600, -6.8040

Triad

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



84.2950, 122.1800, 43.4600



89.1680, -55.4210, -58.4050



99.5100, -114.8550, 16.5450

Complementary

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



84.2950, 122.1800, 43.4600



166.7050, -122.1800, -43.4600

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.



110.6630, -120.0800, 6.6080



84.2950, 122.1800, 43.4600



100.2770, -82.5680, -34.4720

Square

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



84.2950, 122.1800, 43.4600



84.0290, -27.5890, -67.2130



108.8270, -106.6430, -11.1470



114.8480, -20.5970, 59.4270

Rectangle

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



84.2950, 122.1800, 43.4600



108.2240, 56.7660, -26.5780



108.8270, -106.6430, -11.1470



104.2060, -117.0550, 12.3610

Sweetspot

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



84.2950, 122.1800, 43.4600



206.6310, 41.1240, 14.6280



106.7680, 54.5870, 106.5790



99.2590, 24.4360, 8.6920



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.



84.2950, 122.1800, 43.4600



76.2450, 151.9800, 54.0600



142.4080, 94.9550, -8.3170



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



84.2950, 122.1800, 43.4600



76.2450, 151.9800, 54.0600



108.5920, -94.9550, 8.3170



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 84.2950, 122.1800, 43.4600 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 84.2950, 122.1800, 43.4600 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 84.2950, 122.1800, 43.4600

Background



This preview shows how black text looks on a background with the YIQ color 84.2950, 122.1800, 43.4600.



This preview shows how white text looks on a background with the YIQ color 84.2950, 122.1800,

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

84.2950, 122.1800, 43.4600

Protanopia

111.7500, 32.0980, -20.0460

Deuteranopia

108.5230, 57.3620, -26.3660



Tritanopia

83.9700, 124.4730, 40.4490

Trichromacy



Original Color

84.2950, 122.1800, 43.4600

Protanomaly

101.7580, 65.1510, 3.1910

Deuteranomaly

99.3220, 80.8780, -0.9940

Tritanomaly

84.3120, 123.5100, 41.3820

Monochromacy



Original Color

84.2950, 122.1800, 43.4600

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1260, 44.1040, 15.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2950, 122.1800, 43.4600 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(228, 23, 23)` looks like.

```
.text, #text, p{  
    color:rgb(228, 23, 23)  
}
```

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(228, 23, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 23, 23) }
```

Border

The CSS property to change the border of an element to YIQ 84.2950, 122.1800, 43.4600 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(228, 23, 23) }
```


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

```
.border{ border-color:rgb(228, 23, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 23, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 23, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 23, 23);  
box-shadow:4px 4px 4px 4px rgb(228, 23,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2950, 122.1800, 43.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 23, 23) }
```

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

```
.background{ background-color: rgb(228, 23,  
23) }
```

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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