

Converting Colors

YIQ(84.1880, 129.7910, 43.1910)

Have a look what the booklet for
YIQ(84.1880, 129.7910, 43.1910)
contains.

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Color

**YIQ(84.1880, 129.7910,
43.1910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB150E |
| RGB | 235, 21, 14 |
| RGB Percent | 92%, 8%, 5% |
| CMY | 0.0779, 0.9179, 0.9446 |
| CMYK | 0.00, 0.91, 0.94, 0.08 |
| HSL | 2°, 89%, 49% |
| HSV | 2°, 94%, 92% |
| XYZ | 34.6502, 18.2492, 2.1164 |
| YIQ | 84.1880, 129.7910, 43.1910 |

Conversions

Conversions Part 2

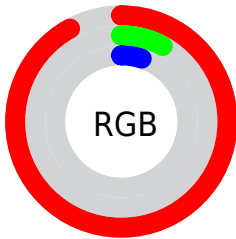
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 235, 21, 14 |
| Decimal | 15406350 |
| CIE Lab | 49.80, 73.58, 59.67 |
| CIE LCh | 50, 94.731, 39.041 |
| Yxy | 18.2492, 0.6298, 0.3317 |
| Android (android.graphics.Color) | 4293596430 (0xFFEB150E) |
| YUV | 84.1880, -34.6027, 132.2621 |
| Hunter-Lab | 42.7191, 70.0260, 26.9660 |

Details

The YIQ color **84.1880, 129.7910, 43.1910** 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 **164.8120, -129.7910, -43.1910**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.5940, 104.4400, 23.5440**, and **50.5310, 100.7240, 35.8280** is the 20% darker color. If you saturate the color by 10%, you get **74.3740, 138.1350, 46.1590**, and if you desaturate by 10%, it is **100.4250, 115.7620, 38.6260**.

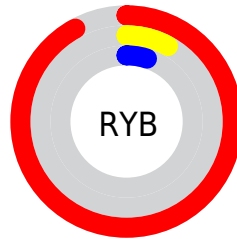
Distribution



Red (92%)

Green (8%)

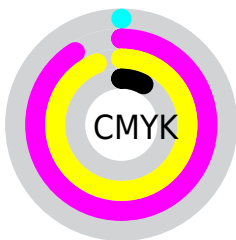
Blue (5%)



Red (92%)

Yellow (8%)

Blue (5%)

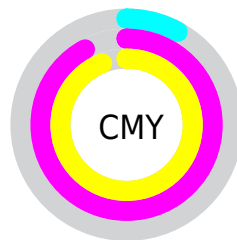


Cyan (0%)

Magenta (91%)

Yellow (94%)

Black (8%)



Cyan (8%)


Magenta (92%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.1880, 129.7910, 43.1910 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 84.1880, 129.7910, 43.1910 by changing the saturation by 10% instead.


 84.1880, 129.7910,
43.1910


 84.1880, 129.7910,
43.1910

254.8860, 0.3210,
-0.3110


 60.3980, 120.3920,
42.8240


 140.5940,
104.4400, 23.5440


 50.5310, 100.7240,
35.8280


 161.6410, 87.8900,
15.1060

 40.6640, 81.0560,
28.8320


 181.6280, 71.5690,
8.0250

 31.2100, 61.6630,
22.3590

 202.2020, 54.9730,
0.4210

 22.8810, 43.4160,
17.1440

 222.8900, 38.0560,
-6.8720


 12.6720, 24.7110,
9.2150


 243.6920, 20.8180,


 0.0000, 0.0000,


-13.8540


0.0000


 251.5800, 9.6300,
-9.3300


 84.1880, 129.7910,
43.1910


 84.1880, 129.7910,
43.1910


 74.3740, 138.1350,
46.1590

 100.4250,
115.7620, 38.6260

 116.5480,
102.0540, 33.7500

 132.1980, 88.3000,
29.7080

 148.3210, 74.5920,
24.8320

 164.5580, 60.5630,
20.2670

■ 180.6810, 46.8550,
15.3910

■ 196.3310, 33.1010,
11.3490

■ 212.4540, 19.3930,
6.4730

■ 228.6910, 5.3640,
1.9080

Harmonies

Analogous

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



86.5200, 118.7340, 83.9020



84.1880, 129.7910, 43.1910



110.5150, 87.3440, -8.0480

Triad

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



84.1880, 129.7910, 43.1910



92.5590, -58.0800, -59.7760



101.2710, -115.6800, 14.9760

Complementary

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



84.1880, 129.7910, 43.1910



164.8120, -129.7910, -43.1910

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.



113.0110, -121.1800, 4.5160



84.1880, 129.7910, 43.1910



104.2380, -86.8320, -34.2880

Square

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



84.1880, 129.7910, 43.1910



81.5930, -38.2250, -72.6970



113.1300, -111.8700, -10.0300



118.0490, -16.6090, 64.2470

Rectangle

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



84.1880, 129.7910, 43.1910



111.4580, 55.9870, -28.9810



113.1300, -111.8700, -10.0300



105.9670, -117.8800, 10.7920

Sweetspot

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



84.1880, 129.7910, 43.1910



206.4030, 41.7660, 14.0060



104.8170, 62.0590, 114.3390



97.7430, 25.9490, 8.8050



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.



84.1880, 129.7910, 43.1910



80.9410, 149.7800, 49.8760



146.9970, 100.3660, -12.7700



109.2890, 6.5560, 2.3320



57.6410, 106.2260, 35.2340



17.3200, 31.6340, 10.4020

Inverse Universe

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



164.8120, -129.7910, -43.1910



174.0590, -149.7800, -49.8760



102.0030, -100.3660, 12.7700



113.7110, -6.5560, -2.3320



123.3590, -106.2260, -35.2340



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 84.1880, 129.7910, 43.1910 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 84.1880, 129.7910, 43.1910 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 84.1880, 129.7910, 43.1910

Background



This preview shows how black text looks on a background with the YIQ color 84.1880, 129.7910, 43.1910.



This preview shows how white text looks on a background with the YIQ color 84.1880, 129.7910,

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

84.1880, 129.7910, 43.1910

Protanopia

114.4960, 35.6290, -23.4670

Deuteranopia

111.4800, 58.9210, -27.0870



Tritanopia

83.3900, 132.0380, 41.0140

Trichromacy



Original Color

84.1880, 129.7910, 43.1910

Protanomaly

103.5150, 70.1490, 0.7170

Deuteranomaly

101.9480, 84.8670, -1.7010

Tritanomaly

83.7320, 131.0750, 41.9470

Monochromacy



Original Color

84.1880, 129.7910, 43.1910

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.0940, 47.1300, 15.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.1880, 129.7910, 43.1910 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(235, 21, 14)` looks like.

```
.text, #text, p{  
    color:rgb(235, 21, 14)  
}
```

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(235, 21, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 21, 14) }
```

Border

The CSS property to change the border of an element to YIQ 84.1880, 129.7910, 43.1910 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(235, 21, 14) }
```


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

```
.border{ border-color:rgb(235, 21, 14) }
```

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

Here you see how a box with a 4 pixel rgb(235, 21, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 21, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 21, 14);  
box-shadow:4px 4px 4px 4px rgb(235, 21,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 84.1880, 129.7910, 43.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 21, 14) }
```

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

```
.background{ background-color: rgb(235, 21,  
14) }
```

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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