

Converting Colors

YIQ(85.4910, 124.5640, 44.3080)

Have a look what the booklet for
YIQ(85.4910, 124.5640, 44.3080)
contains.

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Color

**YIQ(85.4910, 124.5640,
44.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	E81717
RGB	232, 23, 23
RGB Percent	91%, 9%, 9%
CMY	0.0897, 0.9100, 0.9093
CMYK	0.00, 0.90, 0.90, 0.09
HSL	360°, 82%, 50%
HSV	360°, 90%, 91%
XYZ	33.7805, 17.8487, 2.4820
YIQ	85.4910, 124.5640, 44.3080

Conversions

Conversions Part 2

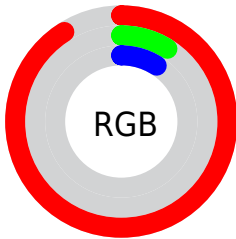
Format	Color
RYB	232, 23, 23
Decimal	15210263
CIELab	49.31, 72.65, 55.90
CIELCh	49, 91.669, 37.575
Yxy	17.8487, 0.6243, 0.3299
Android (android.graphics.Color)	4293400343 (0xFFE81717)
YUV	85.4910, -30.8081, 128.4884
Hunter-Lab	42.2477, 68.7916, 26.0903

Details

The YIQ color **85.4910, 124.5640, 44.3080** 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 **169.5090, -124.5640, -44.3080**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.9790, 101.9180, 25.1980**, and **49.6340, 98.9360, 35.1920** is the 20% darker color. If you saturate the color by 10%, you get **69.3680, 138.2720, 49.1840**, and if you desaturate by 10%, it is **101.6140, 110.8560, 39.4320**.

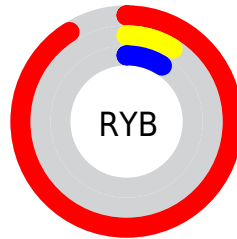
Distribution



Red (91%)

Green (9%)

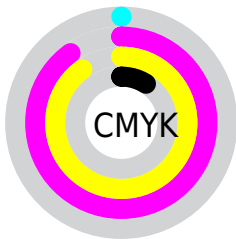
Blue (9%)



Red (91%)

Yellow (9%)

Blue (9%)

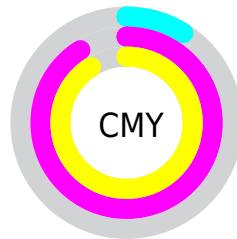


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.4910, 124.5640, 44.3080 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 85.4910, 124.5640, 44.3080 by changing the saturation by 10% instead.


 85.4910, 124.5640,
44.3080


 85.4910, 124.5640,
44.3080


255.0000, -0.0000,
-0.0000


 59.5010, 118.6040,
42.1880


 141.9790,
101.9180, 25.1980


 49.6340, 98.9360,
35.1920


 162.3250, 85.9640,
16.9720


 40.0660, 79.8640,
28.4080


 182.3120, 69.6430,
9.8910

 30.6120, 60.4710,
21.9350

 202.8860, 53.0470,
2.2870

 21.9840, 41.6280,
16.5080

 223.5740, 36.1300,
-5.0060


 12.0740, 23.5190,
8.7910


 244.3760, 18.8920,


 0.0000, 0.0000,


-11.9880


0.0000


 252.3780, 7.3830,
-7.1530


 85.4910, 124.5640,
44.3080


 85.4910, 124.5640,
44.3080

 69.3680, 138.2720,
49.1840

 101.6140,
110.8560, 39.4320

 117.8510, 96.8270,
34.8670

 134.5610, 82.8440,
29.4680

 150.6840, 69.1360,
24.5920

 166.8070, 55.4280,
19.7160

■ 182.9300, 41.7200,
14.8400

■ 199.0530, 28.0120,
9.9640

■ 215.8770, 13.7080,
4.8760

■ 232.0000, -0.0000,
0.0000

Harmonies

Analogous

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



85.4810, 114.4700, 84.0860



85.4910, 124.5640, 44.3080



109.3410, 87.8940, -7.0020

Triad

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



85.4910, 124.5640, 44.3080



91.0430, -56.5670, -59.6630



100.6840, -115.4050, 15.4990

Complementary

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



85.4910, 124.5640, 44.3080



169.5090, -124.5640, -44.3080

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.



111.8370, -120.6300, 5.5620



85.4910, 124.5640, 44.3080



102.3800, -84.3560, -35.1080

Square

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



85.4910, 124.5640, 44.3080



84.6050, -29.3310, -68.6830



111.0440, -108.7520, -11.4720



117.3750, -20.6430, 60.2610

Rectangle

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



85.4910, 124.5640, 44.3080



110.2950, 58.0040, -26.9880



111.0440, -108.7520, -11.4720



105.9670, -117.8800, 10.7920

Sweetspot

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



85.4910, 124.5640, 44.3080



206.6310, 41.1240, 14.6280



108.4200, 55.6870, 108.6710



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.



85.4910, 124.5640, 44.3080



76.2450, 151.9800, 54.0600



144.7780, 96.7890, -8.5150



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Inverse Universe

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



85.4910, 124.5640, 44.3080



76.2450, 151.9800, 54.0600



110.2220, -96.7890, 8.5150



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 85.4910, 124.5640, 44.3080 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 85.4910, 124.5640, 44.3080 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 85.4910, 124.5640, 44.3080

Background



This preview shows how black text looks on a background with the YIQ color 85.4910, 124.5640, 44.3080.



This preview shows how white text looks on a background with the YIQ color 85.4910, 124.5640,

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

85.4910, 124.5640, 44.3080

Protanopia

113.6360, 32.4190, -20.3570

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

85.1660, 126.8570, 41.2970

Trichromacy



Original Color

85.4910, 124.5640, 44.3080

Protanomaly

103.0570, 65.7470, 3.4030

Deuteranomaly

101.3930, 82.1160, -1.4040

Tritanomaly

85.5080, 125.8940, 42.2300

Monochromacy



Original Color

85.4910, 124.5640, 44.3080

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1370, 45.5710, 16.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4910, 124.5640, 44.3080 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(232, 23, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 23, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 23) }
```

Border

The CSS property to change the border of an element to YIQ 85.4910, 124.5640, 44.3080 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(232, 23, 23) }
```


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

```
.border{ border-color:rgb(232, 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(232, 23, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4910, 124.5640, 44.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 23) }
```

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

```
.background{ background-color: rgb(232, 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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