

Converting Colors

YIQ(86.3430, 95.8620, 46.8540)

Have a look what the booklet for
YIQ(86.3430, 95.8620, 46.8540)
contains.

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Color

**YIQ(86.3430, 95.8620,
46.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1E3C
RGB	207, 30, 60
RGB Percent	81%, 12%, 24%
CMY	0.1878, 0.8826, 0.7643
CMYK	0.00, 0.86, 0.71, 0.19
HSL	350°, 75%, 46%
HSV	350°, 86%, 81%
XYZ	27.0439, 14.5336, 5.6675
YIQ	86.3430, 95.8620, 46.8540

Conversions

Conversions Part 2

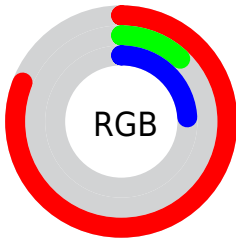
Format	Color
RYB	207, 30, 60
Decimal	13573692
CIELab	44.99, 65.98, 30.48
CIELCh	45, 72.679, 24.794
Yxy	14.5336, 0.5724, 0.3076
Android (android.graphics.Color)	4291763772 (0xFFCF1E3C)
YUV	86.3430, -12.9871, 105.8162
Hunter-Lab	38.1229, 59.9105, 17.8718

Details

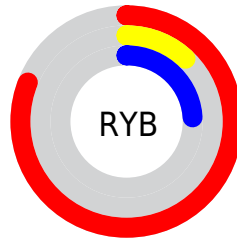
The YIQ color **86.3430, 95.8620, 46.8540** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **150.6570, -95.8620, -46.8540**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3820, 90.9580, 36.6060**, and **45.2220, 79.7250, 36.4370** is the 20% darker color. If you saturate the color by 10%, you get **72.0780, 107.0940, 52.5500**, and if you desaturate by 10%, it is **100.6080, 84.6300, 41.1580**.

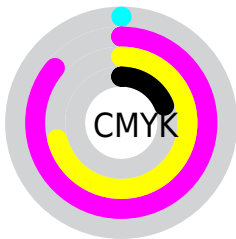
Distribution



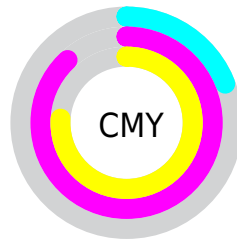
- Red (81%)
- Green (12%)
- Blue (24%)



- Red (81%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (86%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.3430, 95.8620, 46.8540 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 86.3430, 95.8620, 46.8540 by changing the saturation by 10% instead.


 86.3430, 95.8620,
46.8540


 86.3430, 95.8620,
46.8540


255.0000, -0.0000,
-0.0000


 56.9560, 92.6980,
49.1300


 145.3820, 90.9580,
36.6060


 45.2220, 79.7250,
36.4370


 165.3690, 74.6370,
29.5250


 33.7870, 67.3480,
23.9560

 185.3560, 58.3160,
22.4440

 25.0450, 48.8260,
18.2180

 205.4570, 41.6740,
15.6740

 16.0750, 30.9460,
11.8580

 225.5580, 25.0320,
8.9040

 0.8970, 1.7880,
0.6360

 246.4740, 7.4730,

 0.0000, 0.0000,

2.2330

0.0000

■ 86.3430, 95.8620,
46.8540

■ 86.3430, 95.8620,
46.8540

■ 72.0780, 107.0940,
52.5500

■ 100.6080, 84.6300,
41.1580

■ 65.8830, 112.1370,
54.7690

■ 114.2860, 73.6730,
35.9850

■ 128.6650, 62.1200,
30.6000

■ 142.9300, 50.8880,
24.9040

■ 157.1950, 39.6560,
19.2080

■ 170.8730, 28.6990,
14.0350

■ 185.1380, 17.4670,
8.3390

■ 199.5170, 5.9140,
2.9540

■ 213.1950, -5.0430,
-2.2190

Harmonies

Analogous

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



80.2580, 81.1850, 76.0730



86.3430, 95.8620, 46.8540



96.6820, 88.6720, 0.9280

Triad

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



86.3430, 95.8620, 46.8540



77.5130, -43.2710, -58.3350



95.3720, -105.9590, 9.5050

Complementary

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



86.3430, 95.8620, 46.8540



150.6570, -95.8620, -46.8540

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.



99.2070, -101.6010, -3.4010



86.3430, 95.8620, 46.8540



87.6130, -66.1990, -39.2790

Square

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



86.3430, 95.8620, 46.8540



93.4850, 15.8260, -44.5420



95.2680, -86.3760, -20.5200



100.9490, -55.5750, 32.5290

Rectangle

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



86.3430, 95.8620, 46.8540



100.3490, 67.0800, -15.2560



95.2680, -86.3760, -20.5200



97.2640, -105.7750, 6.1690

Sweetspot

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



86.3430, 95.8620, 46.8540



209.9880, 35.8050, 17.4130



93.5330, 29.6030, 85.7870



100.7580, 21.5930, 10.6570



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.



86.3430, 95.8620, 46.8540



81.1470, 138.1770, 67.4330



115.7950, 90.0920, 8.2360



97.5170, 5.9140, 2.9540



53.5380, 90.8190, 44.6350



13.0570, 22.1890, 10.8690

Inverse Universe

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



86.3430, 95.8620, 46.8540



81.1470, 138.1770, 67.4330



121.2050, -90.0920, -8.2360



97.5170, 5.9140, 2.9540



53.5380, 90.8190, 44.6350



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 86.3430, 95.8620, 46.8540 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 86.3430, 95.8620, 46.8540 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 86.3430, 95.8620, 46.8540

Background



This preview shows how black text looks on a background with the YIQ color 86.3430, 95.8620, 46.8540.



This preview shows how white text looks on a background with the YIQ color 86.3430, 95.8620,

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

86.3430, 95.8620, 46.8540

Protanopia

106.8130, 10.5920, -4.7360

Deuteranopia

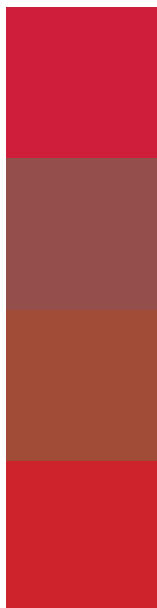
105.3410, 35.1680, -9.6000



Tritanopia

86.7160, 101.6410, 35.7290

Trichromacy



Original Color

86.3430, 95.8620, 46.8540

Protanomaly

99.4030, 41.7660, 14.0060

Deuteranomaly

98.6080, 57.1260, 10.9660

Tritanomaly

86.5680, 99.3020, 39.5740

Monochromacy



Original Color

86.3430, 95.8620, 46.8540

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.3900, 34.6130, 16.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.3430, 95.8620, 46.8540 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(207, 30, 60)` looks like.

```
.text, #text, p{  
    color:rgb(207, 30, 60)  
}
```

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(207, 30, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 30, 60) }
```

Border

The CSS property to change the border of an element to YIQ 86.3430, 95.8620, 46.8540 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(207, 30, 60) }
```


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

```
.border{ border-color:rgb(207, 30, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 30, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 30, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 30, 60);  
box-shadow:4px 4px 4px 4px rgb(207, 30,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 86.3430, 95.8620, 46.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 30, 60) }
```

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

```
.background{ background-color: rgb(207, 30,  
60) }
```

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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