

Converting Colors

YIQ(86.6530, 107.0930, 58.0770)

Have a look what the booklet for
YIQ(86.6530, 107.0930, 58.0770)
contains.

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Color

**YIQ(86.6530, 107.0930,
58.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	E11443
RGB	225, 20, 67
RGB Percent	88%, 8%, 26%
CMY	0.1171, 0.9218, 0.7369
CMYK	0.00, 0.91, 0.70, 0.12
HSL	346°, 84%, 48%
HSV	346°, 91%, 88%
XYZ	32.3572, 16.9325, 6.8887
YIQ	86.6530, 107.0930, 58.0770

Conversions

Conversions Part 2

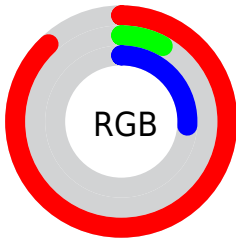
Format	Color
RYB	225, 20, 67
Decimal	14750787
CIELab	48.17, 72.51, 30.95
CIElCh	48, 78.840, 23.117
Yxy	16.9325, 0.5760, 0.3014
Android (android.graphics.Color)	4292940867 (0xFFE11443)
YUV	86.6530, -9.6889, 121.3303
Hunter-Lab	41.1491, 68.3509, 18.8788

Details

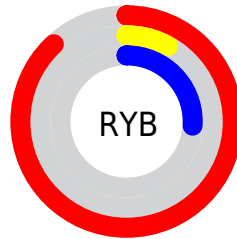
The YIQ color **86.6530, 107.0930, 58.0770** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **158.3470, -107.0930, -58.0770**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7070, 88.6650, 39.6170**, and **50.9890, 87.9310, 41.9070** is the 20% darker color. If you saturate the color by 10%, you get **73.2030, 117.4080, 63.8720**, and if you desaturate by 10%, it is **101.5050, 95.5860, 51.8580**.

Distribution



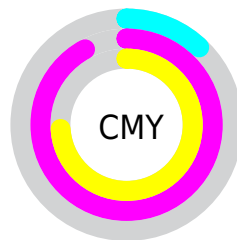
- Red (88%)
- Green (8%)
- Blue (26%)



- Red (88%)
- Yellow (8%)
- Blue (26%)



- Cyan (0%)
- Magenta (91%)
- Yellow (70%)
- Black (12%)





- Cyan (12%)
- Magenta (92%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.6530, 107.0930, 58.0770 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 86.6530, 107.0930, 58.0770 by changing the saturation by 10% instead.


 86.6530, 107.0930,
58.0770


 86.6530, 107.0930,
58.0770


255.0000, -0.0000,
-0.0000


 62.8370, 100.5830,
54.9110

 145.7070, 88.6650,
39.6170


 50.9890, 87.9310,
41.9070


 166.1670, 72.3900,
31.7020


 38.8700, 77.4800,
27.5600


 186.8550, 55.4730,
24.4090

 29.5300, 57.7660,
21.3980

 207.5430, 38.5560,
17.1160

 20.9730, 40.1610,
15.5610

 227.7580, 21.5930,
10.6570

 10.5790, 20.5390,
7.7310

 248.5600, 4.3550,

 0.0000, 0.0000,

3.6750

0.0000

■ 86.6530, 107.0930,
58.0770

■ 86.6530, 107.0930,
58.0770

■ 73.2030, 117.4080,
63.8720

■ 101.5050, 95.5860,
51.8580

■ 117.0580, 83.4830,
45.4270

■ 131.9100, 71.9760,
39.2080

■ 147.3490, 60.1940,
32.4660

■ 162.9020, 48.0910,
26.0350

■ 177.7540, 36.5840,
19.8160

■ 193.1930, 24.8020,
13.0740

■ 208.1590, 12.9740,
7.1660

■ 223.5980, 1.1920,
0.4240

Harmonies

Analogous

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



81.2410, 89.0230, 88.2150



86.6530, 107.0930, 58.0770



102.9390, 98.2540, 3.4860

Triad

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



86.6530, 107.0930, 58.0770



81.8840, -43.1780, -65.5300



103.5220, -115.1290, 10.4950

Complementary

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



86.6530, 107.0930, 58.0770



158.3470, -107.0930, -58.0770

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.



106.7870, -109.1660, -3.9660



86.6530, 107.0930, 58.0770



93.7110, -69.5910, -43.8870

Square

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



86.6530, 107.0930, 58.0770



100.8720, 18.9900, -46.8180



102.1640, -92.0150, -22.9510



105.0380, -71.9430, 31.8090

Rectangle

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



86.6530, 107.0930, 58.0770



107.4700, 74.0490, -14.9030



102.1640, -92.0150, -22.9510



105.7730, -114.5780, 6.0140

Sweetspot

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



86.6530, 107.0930, 58.0770



208.4550, 35.9880, 19.6040



90.3130, 27.7670, 97.0390



100.2850, 21.5470, 11.4910



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.



86.6530, 107.0930, 58.0770



82.9710, 133.0410, 72.4090



113.5800, 107.0550, 14.6950



104.6310, 5.5930, 3.2650



57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Inverse Universe

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



86.6530, 107.0930, 58.0770



82.9710, 133.0410, 72.4090



131.4200, -107.0550, -14.6950



104.6310, 5.5930, 3.2650



57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 86.6530, 107.0930, 58.0770 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 86.6530, 107.0930, 58.0770 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 86.6530, 107.0930, 58.0770

Background



This preview shows how black text looks on a background with the YIQ color 86.6530, 107.0930, 58.0770.



This preview shows how white text looks on a background with the YIQ color 86.6530, 107.0930,

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

86.6530, 107.0930, 58.0770

Protanopia

114.8560, 9.0330, -4.0150

Deuteranopia

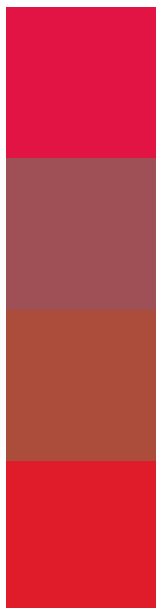
113.4120, 36.4060, -10.0100



Tritanopia

89.0660, 115.3950, 39.7710

Trichromacy



Original Color

86.6530, 107.0930, 58.0770

Protanomaly

104.4190, 44.8370, 18.9250

Deuteranomaly

103.4670, 62.0770, 14.8530

Tritanomaly

88.3140, 112.0010, 46.2170

Monochromacy



Original Color

86.6530, 107.0930, 58.0770

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.0640, 38.6470, 20.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.6530, 107.0930, 58.0770 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(225, 20, 67)` looks like.

```
.text, #text, p{  
    color:rgb(225, 20, 67)  
}
```

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(225, 20, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 20, 67) }
```

Border

The CSS property to change the border of an element to YIQ 86.6530, 107.0930, 58.0770 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(225, 20, 67) }
```


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

```
.border{ border-color:rgb(225, 20, 67) }
```

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

Here you see how a box with a 4 pixel rgb(225, 20, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 20, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 20, 67);  
box-shadow:4px 4px 4px 4px rgb(225, 20,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 86.6530, 107.0930, 58.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 20, 67) }
```

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

```
.background{ background-color: rgb(225, 20,  
67) }
```

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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