

Converting Colors

YIQ(67.7390, 86.7800, 68.2840)

Have a look what the booklet for
YIQ(67.7390, 86.7800, 68.2840)
contains.

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Color

**YIQ(67.7390, 86.7800,
68.2840)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C10058 |
| RGB | 193, 0, 88 |
| RGB Percent | 76%, 0%, 35% |
| CMY | 0.2426, 0.9999, 0.6546 |
| CMYK | 0.00, 1.00, 0.54, 0.24 |
| HSL | 333°, 100%, 38% |
| HSV | 333°, 100%, 76% |
| XYZ | 23.7901, 12.0604, 10.3218 |
| YIQ | 67.7390, 86.7800, 68.2840 |

Conversions

Conversions Part 2

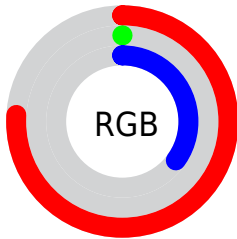
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 193, 0, 88 |
| Decimal | 12648536 |
| CIELab | 41.31, 68.07, 7.62 |
| CIELCh | 41, 68.496, 6.388 |
| Yxy | 12.0604, 0.5152, 0.2612 |
| Android (android.graphics.Color) | 4290838616 (0xFFC10058) |
| YUV | 67.7390, 9.9887, 109.8539 |
| Hunter-Lab | 34.7281, 61.5052, 6.6876 |

Details

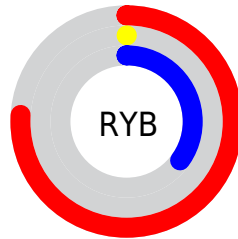
The YIQ color **67.7390, 86.7800, 68.2840** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **125.2610, -86.7800, -68.2840**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8720, 84.3070, 52.5230**, and **44.3700, 64.8690, 41.3570** is the 20% darker color. If you saturate the color by 10%, you get **67.7390, 86.7800, 68.2840**, and if you desaturate by 10%, it is **80.1460, 78.0240, 61.7680**.

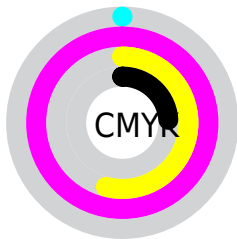
Distribution



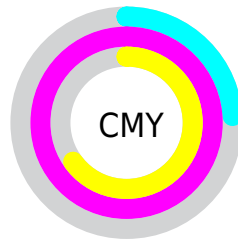
- Red (76%)
- Green (0%)
- Blue (35%)



- Red (76%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 67.7390, 86.7800, 68.2840 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 67.7390, 86.7800, 68.2840 by changing the saturation by 10% instead.


 67.7390, 86.7800,
68.2840


 67.7390, 86.7800,
68.2840


255.0000, -0.0000,
-0.0000


 56.1470, 76.2830,
54.7710


 141.8720, 84.3070,
52.5230


 44.3700, 64.8690,
41.3570


 161.8590, 67.9860,
45.4420


 33.1200, 53.4090,
28.7770

 182.5470, 51.0690,
38.1490

 22.4680, 43.1410,
16.6210

 202.7620, 34.1060,
31.6900

 12.9710, 25.3070,
9.4270

 222.9770, 17.1430,
25.2310

 0.0000, 0.0000,
0.0000

 241.4990, 6.3250,

12.0290

■ 67.7390, 86.7800,
68.2840

■ 80.1460, 78.0240,
61.7680

■ 93.0260, 69.3140,
54.4180

■ 105.4330, 60.5580,
47.9020

■ 117.7260, 52.1230,
41.0750

■ 130.7200, 43.0920,
34.0360

■ 143.0130, 34.6570,
27.2090

■ 155.4200, 25.9010,
20.6930

■ 168.3000, 17.1910,
13.3430

■ 180.7070, 8.4350,
6.8270

Harmonies

Analogous

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



89.5630, 46.1130, 61.8970



67.7390, 86.7800, 68.2840



84.0190, 87.2460, 26.7820

Triad

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



67.7390, 86.7800, 68.2840



78.9000, -4.5760, -49.2480



90.4190, -96.1460, 2.3660

Complementary

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



67.7390, 86.7800, 68.2840



125.2610, -86.7800, -68.2840

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.



89.0220, -85.3230, -12.0670



67.7390, 86.7800, 68.2840



74.8520, -48.1790, -46.4750

Square

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



67.7390, 86.7800, 68.2840



90.7040, 37.7390, -28.6690



83.3390, -67.9430, -29.6950



83.3410, -95.5060, 12.7980

Rectangle

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



67.7390, 86.7800, 68.2840



88.9630, 80.5110, 0.1510



83.3390, -67.9430, -29.6950



91.0400, -93.7610, -2.3130

Sweetspot

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



67.7390, 86.7800, 68.2840



201.3010, 33.7860, 26.4740



52.7990, -0.5650, 81.8590



95.7350, 20.4000, 15.7600



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7390, 86.7800, 68.2840



87.7460, 112.4060, 88.4540



61.2290, 113.3780, 37.7780



90.5600, 4.3550, 3.6750



56.4610, 72.5230, 56.8350



11.5770, 14.8530, 11.6610

Inverse Universe

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



67.7390, 86.7800, 68.2840



87.7460, 112.4060, 88.4540



131.7710, -113.3780, -37.7780



90.5600, 4.3550, 3.6750



56.4610, 72.5230, 56.8350



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 67.7390, 86.7800, 68.2840 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 67.7390, 86.7800, 68.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

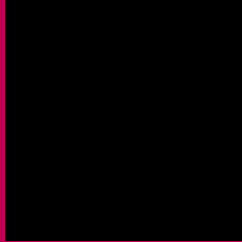
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 67.7390, 86.7800, 68.2840

Background



This preview shows how black text looks on a background with the YIQ color 67.7390, 86.7800, 68.2840.

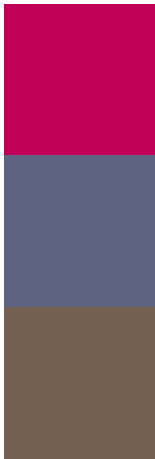


This preview shows how white text looks on a background with the YIQ color 67.7390, 86.7800,

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

67.7390, 86.7800, 68.2840

Protanopia

100.5120, -12.8850, 7.7470

Deuteranopia

100.1560, 17.0560, -0.7360



Tritanopia

81.5300, 93.2970, 32.7610

Trichromacy



Original Color

67.7390, 86.7800, 68.2840

Protanomaly

88.4340, 23.2860, 29.5420

Deuteranomaly

88.3250, 42.4060, 24.4380

Tritanomaly

76.4780, 91.0480, 45.9920

Monochromacy



Original Color

67.7390, 86.7800, 68.2840

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.8770, 32.0440, 25.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.7390, 86.7800, 68.2840 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(193, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(193, 0, 88)  
}
```

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(193, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 88) }
```

Border

The CSS property to change the border of an element to YIQ 67.7390, 86.7800, 68.2840 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(193, 0, 88) }
```


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

```
.border{ border-color:rgb(193, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(193, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(193, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.7390, 86.7800, 68.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 88) }
```

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

```
.background{ background-color: rgb(193, 0,  
88) }
```

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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