

Converting Colors

YIQ(85.4350, 66.2440, 43.9720)

Have a look what the booklet for
YIQ(85.4350, 66.2440, 43.9720)
contains.

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Color

**YIQ(85.4350, 66.2440,
43.9720)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | B02757 |
| RGB | 176, 39, 87 |
| RGB Percent | 69%, 15%, 34% |
| CMY | 0.3094, 0.8472, 0.6586 |
| CMYK | 0.00, 0.78, 0.51, 0.31 |
| HSL | 339°, 64%, 42% |
| HSV | 339°, 78%, 69% |
| XYZ | 20.3713, 11.3770, 10.1515 |
| YIQ | 85.4350, 66.2440, 43.9720 |

Conversions

Conversions Part 2

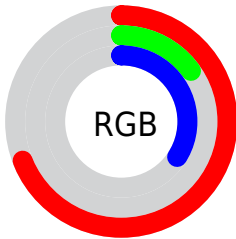
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 176, 39, 87 |
| Decimal | 11544407 |
| CIE _{Lab} | 40.21, 56.95, 6.22 |
| CIE _{LCh} | 40, 57.286, 6.236 |
| Yxy | 11.3770, 0.4862, 0.2715 |
| Android (android.graphics.Color) | 4289734487 (0xFFB02757) |
| YUV | 85.4350, 0.7715, 79.4255 |
| Hunter-Lab | 33.7298, 48.7788, 5.7667 |

Details

The YIQ color **85.4350, 66.2440, 43.9720** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **129.5650, -66.2440, -43.9720**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7080, 69.7290, 41.3850**, and **39.7710, 56.2500, 37.8660** is the 20% darker color. If you saturate the color by 10%, you get **73.6150, 74.7250, 49.9650**, and if you desaturate by 10%, it is **97.2550, 57.7630, 37.9790**.

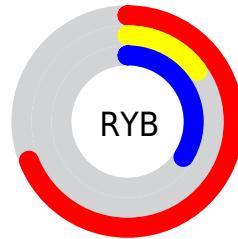
Distribution



Red (69%)

Green (15%)

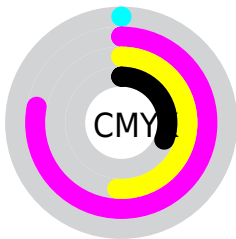
Blue (34%)



Red (69%)

Yellow (15%)

Blue (34%)

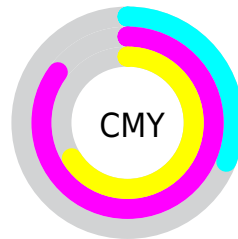


Cyan (0%)

Magenta (78%)

Yellow (51%)

Black (31%)



Cyan (31%)


Magenta (85%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.4350, 66.2440, 43.9720 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 85.4350, 66.2440, 43.9720 by changing the saturation by 10% instead.


 85.4350, 66.2440,
43.9720


 85.4350, 66.2440,
43.9720


255.0000, -0.0000,
-0.0000


 51.2490, 67.0680,
51.0680


 143.7080, 69.7290,
41.3850


 39.7710, 56.2500,
37.8660


 168.2020, 65.2820,
39.3780


 29.1190, 45.9820,
25.7100

 187.7160, 48.9150,
33.1310

 19.1790, 36.5850,
14.2890

 207.9310, 31.9520,
26.6720

 8.4860, 16.3670,
6.2470

 228.1460, 14.9890,
20.2130

 0.0000, 0.0000,
0.0000

 246.1950, 4.1250,

7.8450

■ 85.4350, 66.2440,
43.9720

■ 85.4350, 66.2440,
43.9720

■ 73.6150, 74.7250,
49.9650

■ 97.2550, 57.7630,
37.9790

■ 62.2680, 83.2520,
55.1240

■ 108.6020, 49.2360,
32.8200

■ 59.6920, 84.9940,
56.5940

■ 120.4220, 40.7550,
26.8270

■ 131.7690, 32.2280,
21.6680

■ 143.5890, 23.7470,
15.6750

■ 155.5230, 14.9450,
9.9930

■ 166.7560, 6.7390,
4.5230

■ 178.6900, -2.0630,
-1.1590

■ 189.9230,
-10.2690, -6.6290

Harmonies

Analogous

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



92.6290, 36.5790, 47.4510



85.4350, 66.2440, 43.9720



87.9030, 72.7130, 20.3370

Triad

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



85.4350, 66.2440, 43.9720



79.5530, 3.9510, -44.0890



85.2040, -88.3510, -1.2390

Complementary

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



85.4350, 66.2440, 43.9720



129.5650, -66.2440, -43.9720

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.



84.4910, -79.4540, -13.8060



85.4350, 66.2440, 43.9720



72.6010, -48.7300, -41.9940

Square

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



85.4350, 66.2440, 43.9720



88.0460, 36.7760, -27.7360



79.3610, -65.0090, -27.8010



79.0720, -87.6190, 7.5250

Rectangle

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



85.4350, 66.2440, 43.9720



88.7490, 69.3700, -1.6860



79.3610, -65.0090, -27.8010



85.3520, -86.0120, -5.0840

Sweetspot

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



85.4350, 66.2440, 43.9720



194.8990, 25.8100, 16.8340



80.6310, 7.8750, 61.0510



93.8220, 15.5410, 10.2050



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



85.4350, 66.2440, 43.9720



88.5360, 103.4690, 68.6930



90.5290, 76.7020, 19.6300



83.0330, 4.4010, 2.8410



51.9030, 73.8540, 49.2300



8.8000, 12.6070, 8.3110

Inverse Universe

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



85.4350, 66.2440, 43.9720



88.5360, 103.4690, 68.6930



124.4710, -76.7020, -19.6300



83.0330, 4.4010, 2.8410



51.9030, 73.8540, 49.2300



8.8000, 12.6070, 8.3110

Previews

White Background



This preview shows how the YIQ color 85.4350, 66.2440, 43.9720 looks on a white background.

Color Contrast Check

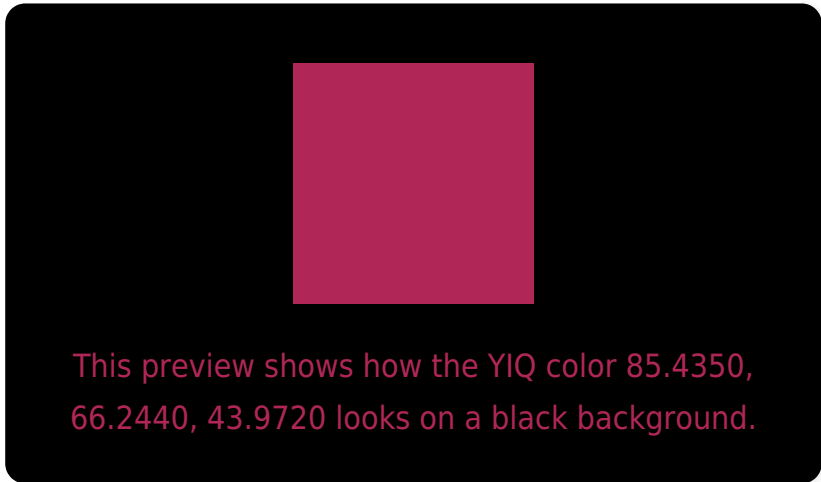
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

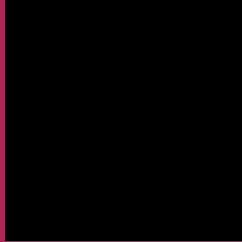
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4350, 66.2440, 43.9720

Background



This preview shows how black text looks on a background with the YIQ color 85.4350, 66.2440, 43.9720.



This preview shows how white text looks on a background with the YIQ color 85.4350, 66.2440,

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

85.4350, 66.2440, 43.9720

Protanopia

96.3120, -9.4460, 5.9940

Deuteranopia

96.3130, 15.1760, 0.2960



Tritanopia

85.9020, 74.4540, 27.3340

Trichromacy



Original Color

85.4350, 66.2440, 43.9720

Protanomaly

92.5870, 18.0610, 19.6050

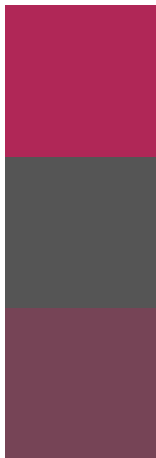
Deuteranomaly

92.6780, 33.7420, 16.2540

Tritanomaly

85.9220, 71.7020, 33.1580

Monochromacy



Original Color

85.4350, 66.2440, 43.9720

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0020, 24.0220, 16.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4350, 66.2440, 43.9720 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(176, 39, 87)` looks like.

```
.text, #text, p{  
    color:rgb(176, 39, 87)  
}
```

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(176, 39, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 39, 87) }
```

Border

The CSS property to change the border of an element to YIQ 85.4350, 66.2440, 43.9720 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(176, 39, 87) }
```


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

```
.border{ border-color:rgb(176, 39, 87) }
```

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

Here you see how a box with a 4 pixel rgb(176, 39, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 39, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 39, 87);  
box-shadow:4px 4px 4px 4px rgb(176, 39,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4350, 66.2440, 43.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 39, 87) }
```

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

```
.background{ background-color: rgb(176, 39,  
87) }
```

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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