

Converting Colors

YIQ(68.7750, 85.9580, 50.1340)

Have a look what the booklet for
YIQ(68.7750, 85.9580, 50.1340)
contains.

YIQ(68.7750, 85.9580, 50.1340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(68.7750, 85.9580,
50.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	B60D3B
RGB	182, 13, 59
RGB Percent	71%, 5%, 23%
CMY	0.2858, 0.9492, 0.7683
CMYK	0.00, 0.93, 0.68, 0.29
HSL	344°, 87%, 38%
HSV	344°, 93%, 71%
XYZ	20.2518, 10.5611, 5.1194
YIQ	68.7750, 85.9580, 50.1340

Conversions

Conversions Part 2

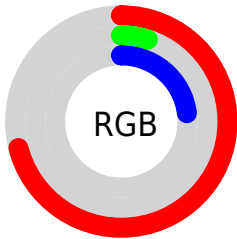
Format	Color
RYB	182, 13, 59
Decimal	11930939
CIELab	38.83, 62.30, 22.35
CIElCh	39, 66.185, 19.737
Yxy	10.5611, 0.5636, 0.2939
Android (android.graphics.Color)	4290121019 (0xFFB60D3B)
YUV	68.7750, -4.8191, 99.2983
Hunter-Lab	32.4978, 54.3655, 13.4085

Details

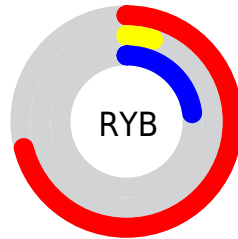
The YIQ color **68.7750, 85.9580, 50.1340** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **126.2250, -85.9580, -50.1340**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.9350, 88.0230, 40.2390**, and **38.2310, 66.3380, 31.2500** is the 20% darker color. If you saturate the color by 10%, you get **60.1180, 92.4220, 54.1340**, and if you desaturate by 10%, it is **80.8230, 76.8350, 44.7630**.

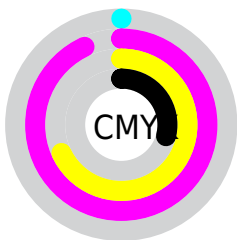
Distribution



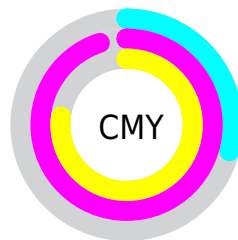
- Red (71%)
- Green (5%)
- Blue (23%)



- Red (71%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (93%)
- Yellow (68%)
- Black (29%)



- Cyan (29%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.7750, 85.9580, 50.1340 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 68.7750, 85.9580, 50.1340 by changing the saturation by 10% instead.

■ 68.7750, 85.9580,
50.1340

■ 68.7750, 85.9580,
50.1340

■ 255.0000, -0.0000,
-0.0000

■ 49.4810, 77.7980,
43.8300

■ 135.2340, 88.6190,
40.4510

■ 38.2310, 66.3380,
31.2500

■ 158.0970, 78.5790,
35.1790

■ 27.2090, 54.2360,
19.2920

■ 177.4970, 62.5330,
28.6210

■ 19.1790, 36.5850,
14.2890

■ 197.5980, 45.8910,
21.8510

■ 8.1870, 15.7710,
6.0350

■ 217.6990, 29.2490,
15.0810

■ 0.0000, 0.0000,
0.0000

■ 238.0280, 11.9650,

8.9330

■ 68.7750, 85.9580,
50.1340

■ 68.7750, 85.9580,
50.1340

■ 60.1180, 92.4220,
54.1340

■ 80.8230, 76.8350,
44.7630

■ 92.9850, 67.3910,
39.7030

■ 105.6200, 57.9930,
33.8090

■ 117.6680, 48.8700,
28.4380

■ 129.7160, 39.7470,
23.0670

■ 141.8780, 30.3030,
18.0070

■ 153.9260, 21.1800,
12.6360

■ 166.5610, 11.7820,
6.7420

■ 178.6090, 2.6590,
1.3710

Harmonies

Analogous

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



70.9630, 65.5980, 66.7020



68.7750, 85.9580, 50.1340



81.0220, 82.0230, 5.7910

Triad

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



68.7750, 85.9580, 50.1340



64.4390, -31.2590, -55.7630



83.7340, -92.4790, 7.4970

Complementary

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



68.7750, 85.9580, 50.1340



126.2250, -85.9580, -50.1340

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.



85.4660, -86.3330, -4.7730



68.7750, 85.9580, 50.1340



74.3110, -53.5450, -37.3290

Square

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



68.7750, 85.9580, 50.1340



81.7340, 19.8590, -35.0290



81.3960, -72.1170, -20.1250



74.9900, -81.1560, 17.0520

Rectangle

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



68.7750, 85.9580, 50.1340



86.1840, 63.4110, -9.3330



81.3960, -72.1170, -20.1250



84.8110, -91.3780, 4.0620

Sweetspot

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



68.7750, 85.9580, 50.1340



192.7860, 33.5580, 19.5900



68.4450, 17.8670, 78.2110



92.5130, 20.9050, 12.1130



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



68.7750, 85.9580, 50.1340



78.2730, 120.3870, 70.4590



85.2500, 90.5490, 16.4770



85.9190, 4.7220, 2.5300



51.4320, 79.4940, 46.1340



9.2840, 14.1200, 8.4240

Inverse Universe

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



68.7750, 85.9580, 50.1340



78.2730, 120.3870, 70.4590



109.7500, -90.5490, -16.4770



85.9190, 4.7220, 2.5300



51.4320, 79.4940, 46.1340



9.2840, 14.1200, 8.4240

Previews

White Background



This preview shows how the YIQ color 68.7750, 85.9580, 50.1340 looks on a white background.

Color Contrast Check

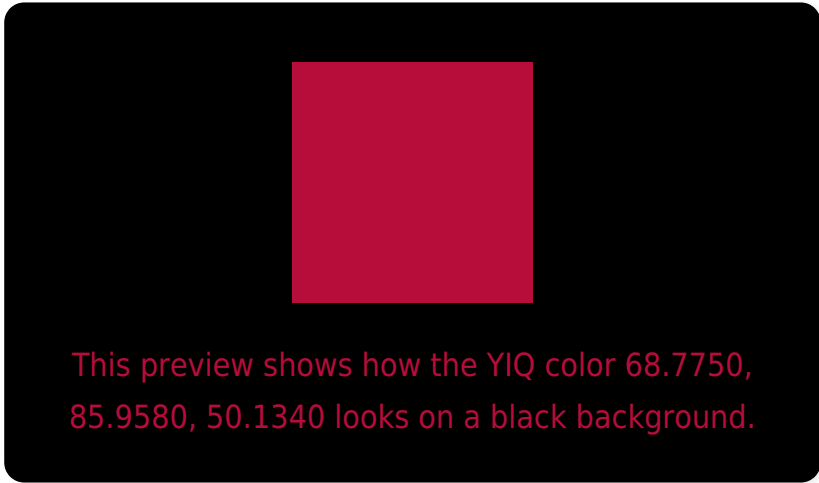
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.7750, 85.9580, 50.1340

Background



This preview shows how black text looks on a background with the YIQ color 68.7750, 85.9580, 50.1340.



This preview shows how white text looks on a background with the YIQ color 68.7750, 85.9580,

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

68.7750, 85.9580, 50.1340

Protanopia

93.5120, 4.3100, -1.0180

Deuteranopia

92.1430, 27.0980, -6.5180



Tritanopia

72.1170, 93.0220, 32.2380

Trichromacy



Original Color

68.7750, 85.9580, 50.1340

Protanomaly

84.6180, 33.9710, 17.6110

Deuteranomaly

83.5240, 48.7350, 14.3590

Tritanomaly

70.6640, 90.2240, 38.8960

Monochromacy



Original Color

68.7750, 85.9580, 50.1340

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.0630, 31.2200, 17.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.7750, 85.9580, 50.1340 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(182, 13, 59)` looks like.

```
.text, #text, p{  
    color:rgb(182, 13, 59)  
}
```

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(182, 13, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 13, 59) }
```

Border

The CSS property to change the border of an element to YIQ 68.7750, 85.9580, 50.1340 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(182, 13, 59) }
```


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

```
.border{ border-color:rgb(182, 13, 59) }
```

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

Here you see how a box with a 4 pixel rgb(182, 13, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 13, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 13, 59);  
box-shadow:4px 4px 4px 4px rgb(182, 13,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 68.7750, 85.9580, 50.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 13, 59) }
```

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

```
.background{ background-color: rgb(182, 13,  
59) }
```

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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