

Converting Colors

YIQ(63.0390, 85.6350, 61.4990)

Have a look what the booklet for
YIQ(63.0390, 85.6350, 61.4990)
contains.

YIQ(63.0390, 85.6350, 61.4990)	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(63.0390, 85.6350,
61.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	B70049
RGB	183, 0, 73
RGB Percent	72%, 0%, 29%
CMY	0.2819, 0.9999, 0.7134
CMYK	0.00, 1.00, 0.60, 0.28
HSL	336°, 100%, 36%
HSV	336°, 100%, 72%
XYZ	20.7626, 10.5643, 7.2607
YIQ	63.0390, 85.6350, 61.4990

Conversions

Conversions Part 2

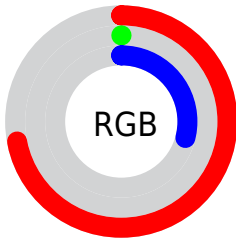
Format	Color
RYB	183, 0, 73
Decimal	11993161
CIELab	38.84, 64.76, 13.44
CIElCh	39, 66.143, 11.727
Yxy	10.5643, 0.5381, 0.2738
Android (android.graphics.Color)	4290183241 (0xFFB70049)
YUV	63.0390, 4.9108, 105.2058
Hunter-Lab	32.5028, 57.1449, 9.5073

Details

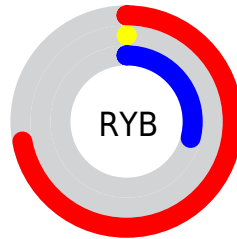
The YIQ color **63.0390, 85.6350, 61.4990** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **119.9610, -85.6350, -61.4990**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1830, 84.6290, 46.6850**, and **39.8980, 63.0820, 35.1940** is the 20% darker color. If you saturate the color by 10%, you get **63.0390, 85.6350, 61.4990**, and if you desaturate by 10%, it is **74.8590, 77.1540, 55.5060**.

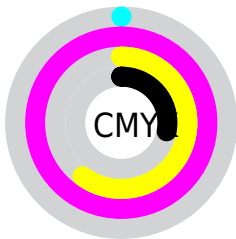
Distribution



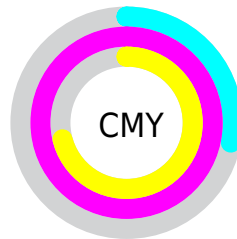
- Red (72%)
- Green (0%)
- Blue (29%)



- Red (72%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.0390, 85.6350, 61.4990 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 63.0390, 85.6350, 61.4990 by changing the saturation by 10% instead.

■ 63.0390, 85.6350,
61.4990

■ 63.0390, 85.6350,
61.4990

255.0000, -0.0000,
-0.0000

■ 51.5610, 74.8170,
48.2970

■ 135.1830, 84.6290,
46.6850

■ 39.8980, 63.0820,
35.1940

■ 158.1600, 74.2680,
41.7240

■ 28.3770, 53.8230,
21.2710

■ 178.1470, 57.9470,
34.6430

■ 19.7770, 37.7770,
14.7130

■ 198.3620, 40.9840,
28.1840

■ 9.0840, 17.5590,
6.6710

■ 218.5770, 24.0210,
21.7250

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 7.7000,

14.6440

■ 63.0390, 85.6350,
61.4990

■ 74.8590, 77.1540,
55.5060

■ 87.2660, 68.3980,
48.9900

■ 99.0860, 59.9170,
42.9970

■ 110.9060, 51.4360,
37.0040

■ 123.3130, 42.6800,
30.4880

■ 135.1330, 34.1990,
24.4950

■ 146.9530, 25.7180,
18.5020

■ 159.3600, 16.9620,
11.9860

■ 171.1800, 8.4810,
5.9930

Harmonies

Analogous

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



79.2710, 52.8070, 61.7270



63.0390, 85.6350, 61.4990



80.1120, 82.2500, 18.2020

Triad

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



63.0390, 85.6350, 61.4990



68.4900, -18.1010, -51.9330



85.0390, -92.0200, 4.6840

Complementary

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



63.0390, 85.6350, 61.4990



119.9610, -85.6350, -61.4990

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.



84.9130, -83.3980, -8.4060



63.0390, 85.6350, 61.4990



72.0140, -48.4550, -41.4710

Square

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



63.0390, 85.6350, 61.4990



84.1590, 29.0280, -30.4920



79.6860, -67.3020, -24.7900



76.5760, -88.8580, 13.4620

Rectangle

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



63.0390, 85.6350, 61.4990



85.0650, 71.2960, -3.5520



79.6860, -67.3020, -24.7900



85.8880, -90.2770, 0.6270

Sweetspot

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



63.0390, 85.6350, 61.4990



190.4210, 33.3280, 23.7600



53.7520, 6.8170, 80.2330



91.7950, 20.1710, 14.4030



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.



63.0390, 85.6350, 61.4990



81.6930, 110.7570, 79.7890



65.2830, 104.1180, 29.3820



86.0330, 4.4010, 2.8410



53.7120, 73.0740, 52.3540



9.6260, 13.1570, 9.3570

Inverse Universe

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



63.0390, 85.6350, 61.4990



81.6930, 110.7570, 79.7890



117.7170, -104.1180, -29.3820



86.0330, 4.4010, 2.8410



53.7120, 73.0740, 52.3540



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 63.0390, 85.6350, 61.4990 looks on a white background.

Color Contrast Check

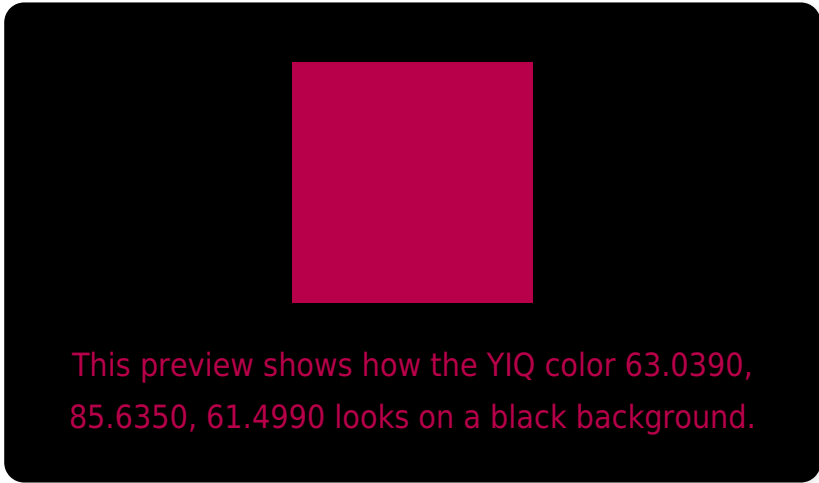
Large Text (above 18pt) WCAG AA ✓ Pass

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

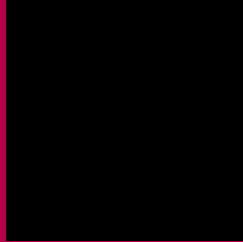
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.0390, 85.6350, 61.4990

Background



This preview shows how black text looks on a background with the YIQ color 63.0390, 85.6350, 61.4990.



This preview shows how white text looks on a background with the YIQ color 63.0390, 85.6350,

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

63.0390, 85.6350, 61.4990

Protanopia

94.2970, -5.0900, 4.1420

Deuteranopia

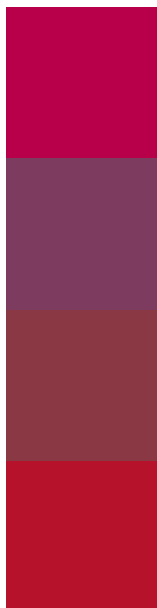
93.7280, 21.1370, -3.1110



Tritanopia

74.6330, 91.5090, 32.1250

Trichromacy



Original Color

63.0390, 85.6350, 61.4990

Protanomaly

82.8380, 27.7800, 25.1880

Deuteranomaly

82.4730, 44.7450, 20.5930

Tritanomaly

70.0000, 89.3980, 42.8540

Monochromacy



Original Color

63.0390, 85.6350, 61.4990

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1110, 31.2650, 22.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.0390, 85.6350, 61.4990 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(183, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 73)  
}
```

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(183, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 73) }
```

Border

The CSS property to change the border of an element to YIQ 63.0390, 85.6350, 61.4990 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(183, 0, 73) }
```


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

```
.border{ border-color:rgb(183, 0, 73) }
```

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

Here you see how a box with a 4 pixel rgb(183, 0, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(183, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.0390, 85.6350, 61.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 73) }
```

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

```
.background{ background-color: rgb(183, 0,  
73) }
```

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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