

Converting Colors

YIQ(63.0850, 16.9590, 28.5670)

Have a look what the booklet for
YIQ(63.0850, 16.9590, 28.5670)
contains.

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Color

**YIQ(63.0850, 16.9590,
28.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	61285D
RGB	97, 40, 93
RGB Percent	38%, 16%, 36%
CMY	0.6194, 0.8432, 0.6353
CMYK	0.00, 0.59, 0.04, 0.62
HSL	304°, 42%, 27%
HSV	304°, 59%, 38%
XYZ	7.6684, 4.8502, 10.8895
YIQ	63.0850, 16.9590, 28.5670

Conversions

Conversions Part 2

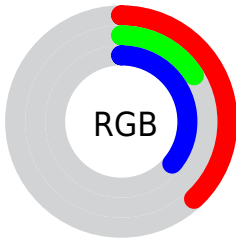
Format	Color
RYB	97, 40, 93
Decimal	6367325
CIELab	26.30, 33.71, -19.90
CIElCh	26, 39.144, 329.448
Yxy	4.8502, 0.3276, 0.2072
Android (android.graphics.Color)	4284557405 (0xFF61285D)
YUV	63.0850, 14.7481, 29.7435
Hunter-Lab	22.0231, 23.6132, -13.9003

Details

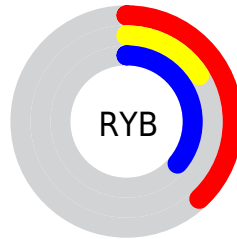
The YIQ color **63.0850, 16.9590, 28.5670** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.9150, -16.9590, -28.5670**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2100, 18.1050, 29.8250**, and **19.7100, 13.5210, 24.7930** is the 20% darker color. If you saturate the color by 10%, you get **57.1010, 20.0300, 33.4860**, and if you desaturate by 10%, it is **69.0690, 13.8880, 23.6480**.

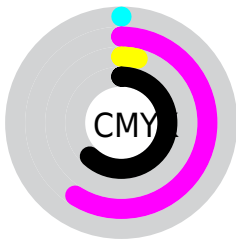
Distribution



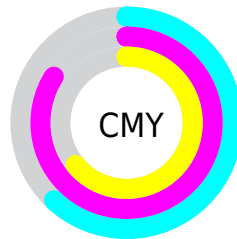
- Red (38%)
- Green (16%)
- Blue (36%)



- Red (38%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (62%)



- Cyan (62%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.0850, 16.9590, 28.5670 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 63.0850, 16.9590, 28.5670 by changing the saturation by 10% instead.

63.0850, 16.9590,
28.5670

63.0850, 16.9590,
28.5670

255.0000, -0.0000,
-0.0000

38.1990, 16.6380,
28.8780

113.2100, 18.1050,
29.8250

19.7100, 13.5210,
24.7930

139.2210, 19.5720,
30.7720

10.1400, 5.9580,
13.1740

165.9330, 20.4430,
31.5070

0.0000, 0.0000,
0.0000

193.4600, 20.3970,
32.3410

219.0790, 17.0960,
31.5920

236.2160, 8.8000,

16.7360

252.6520, 1.1000,
2.0920

63.0850, 16.9590,
28.5670

63.0850, 16.9590,
28.5670

57.1010, 20.0300,
33.4860

69.0690, 13.8880,
23.6480

51.8180, 22.5050,
38.1930

74.3520, 11.4130,
18.9410

45.8340, 25.5760,
43.1120

80.3360, 8.3420,
14.0220

39.8500, 28.6470,
48.0310

86.3200, 5.2710,
9.1030

39.2630, 28.9220,
48.5540

92.1900, 2.5210,
3.8730

■ 97.5870, -0.2750,
-0.5230

■ 103.5710, -3.3460,
-5.4420

■ 109.4410, -6.0960,
-10.6720

■ 114.8380, -8.8920,
-15.0680

Harmonies

Analogous

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



63.0360, -16.8760, 19.5080



63.0850, 16.9590, 28.5670



58.6930, 38.5540, 28.1700

Triad

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



63.0850, 16.9590, 28.5670



58.8300, 29.1170, -15.5790



54.9860, -50.1110, -11.4470

Complementary

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



63.0850, 16.9590, 28.5670



73.9150, -16.9590, -28.5670

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.



51.5660, -40.4810, -20.7770



63.0850, 16.9590, 28.5670



54.6700, 8.7160, -25.8120

Square

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



63.0850, 16.9590, 28.5670



59.1620, 43.2820, -2.4620



46.8580, -29.9800, -29.3720



55.7330, -56.3480, -3.0360

Rectangle

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



63.0850, 16.9590, 28.5670



58.1850, 45.6160, 21.3280



46.8580, -29.9800, -29.3720



53.8460, -46.9010, -14.5570

Sweetspot

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



63.0850, 16.9590, 28.5670



111.2710, 6.9670, 11.4070



47.6940, -15.9130, 18.5750



55.6680, 4.1710, 7.0110



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



63.0850, 16.9590, 28.5670



72.0730, 26.4010, 44.6810



59.8930, 25.9470, 19.8590



45.6520, 1.1000, 2.0920



45.3440, 33.3680, 56.0880



97.1820, 71.4570, 120.2330

Inverse Universe

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



63.0850, 16.9590, 28.5670



72.0730, 26.4010, 44.6810



77.1070, -25.9470, -19.8590



45.6520, 1.1000, 2.0920



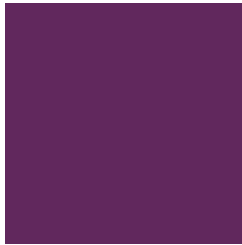
45.3440, 33.3680, 56.0880



97.1820, 71.4570, 120.2330

Previews

White Background



This preview shows how the YIQ color 63.0850, 16.9590, 28.5670 looks on a white background.

Color Contrast Check

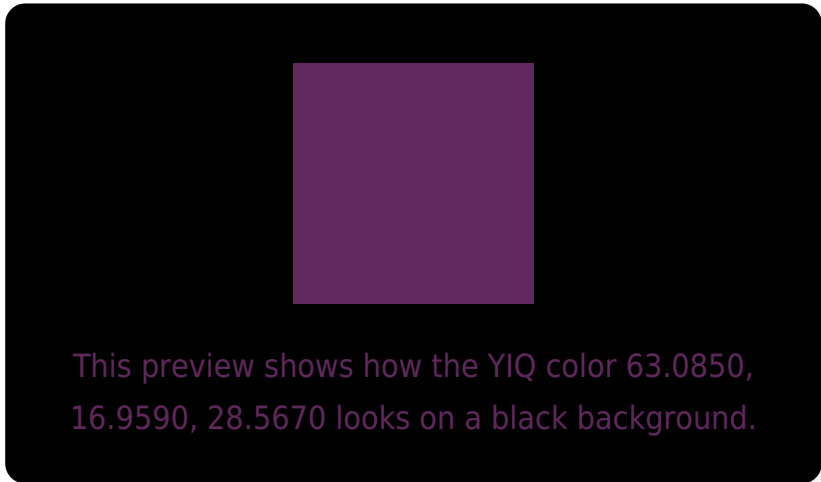
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

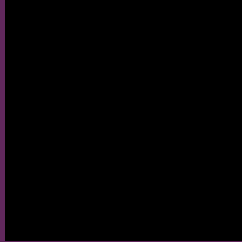
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.0850, 16.9590, 28.5670

Background



This preview shows how black text looks on a background with the YIQ color 63.0850, 16.9590, 28.5670.



This preview shows how white text looks on a background with the YIQ color 63.0850, 16.9590,

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

63.0850, 16.9590, 28.5670

Protanopia

60.5350, -28.8870, 11.4090

Deuteranopia

62.6860, -13.4350, 6.7010



Tritanopia

63.3130, 24.3440, 10.3600

Trichromacy



Original Color

63.0850, 16.9590, 28.5670

Protanomaly

61.3200, -11.9240, 17.8680

Deuteranomaly

62.8880, -2.0200, 14.5880

Tritanomaly

62.8600, 21.5460, 17.0180

Monochromacy



Original Color

63.0850, 16.9590, 28.5670

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.0850, 16.9590, 28.5670 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(97, 40, 93)` looks like.

```
.text, #text, p{  
    color:rgb(97, 40, 93)  
}
```

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(97, 40, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 40, 93) }
```

Border

The CSS property to change the border of an element to YIQ 63.0850, 16.9590, 28.5670 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(97, 40, 93) }
```


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

```
.border{ border-color:rgb(97, 40, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 40, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 40, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 40, 93);  
box-shadow:4px 4px 4px 4px rgb(97, 40, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.0850, 16.9590, 28.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 40, 93) }
```

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

```
.background{ background-color: rgb(97, 40,  
93) }
```

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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