

Converting Colors

YIQ(56.9350, 53.6330, 57.7690)

Have a look what the booklet for
YIQ(56.9350, 53.6330, 57.7690)
contains.

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Color

**YIQ(56.9350, 53.6330,
57.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	900560
RGB	144, 5, 96
RGB Percent	56%, 2%, 38%
CMY	0.4349, 0.9806, 0.6234
CMYK	0.00, 0.97, 0.33, 0.43
HSL	321°, 93%, 29%
HSV	321°, 97%, 57%
XYZ	13.6855, 6.8907, 11.6838
YIQ	56.9350, 53.6330, 57.7690

Conversions

Conversions Part 2

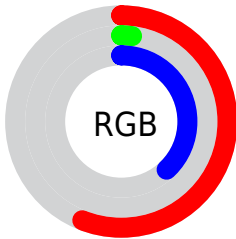
Format	Color
RYB	144, 5, 96
Decimal	9438560
CIELab	31.56, 57.08, -13.05
CIELCh	32, 58.552, 347.126
Yxy	6.8907, 0.4242, 0.2136
Android (android.graphics.Color)	4287628640 (0xFF900560)
YUV	56.9350, 19.2590, 76.3560
Hunter-Lab	26.2501, 47.1234, -8.0147

Details

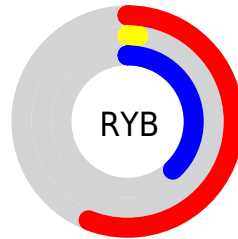
The YIQ color **56.9350, 53.6330, 57.7690** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **92.0650, -53.6330, -57.7690**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7680, 52.3050, 48.7930**, and **32.0120, 36.3980, 34.2060** is the 20% darker color. If you saturate the color by 10%, you get **53.7720, 55.6500, 59.7620**, and if you desaturate by 10%, it is **65.7230, 48.1780, 52.0020**.

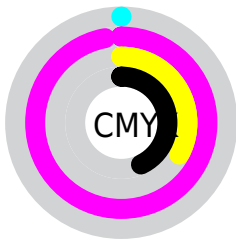
Distribution



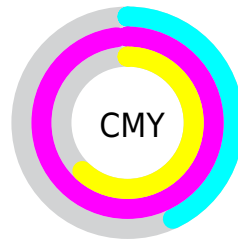
- Red (56%)
- Green (2%)
- Blue (38%)



- Red (56%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (97%)
- Yellow (33%)
- Black (43%)



- Cyan (43%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9350, 53.6330, 57.7690 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 56.9350, 53.6330, 57.7690 by changing the saturation by 10% instead.

■ 56.9350, 53.6330,
57.7690

■ 56.9350, 53.6330,
57.7690

■ 255.0000, -0.0000,
-0.0000

■ 42.8920, 46.0240,
46.9840

■ 121.7680, 52.3050,
48.7930

■ 32.0120, 36.3980,
34.2060

■ 149.5510, 54.4140,
49.1180

■ 22.1430, 28.2390,
22.3750

■ 176.0560, 51.4340,
48.0580

■ 10.2800, 19.9430,
7.5190


■ 195.6840, 34.7460,
42.1220


■ 0.0000, 0.0000,
0.0000


■ 215.0840, 18.7000,
35.5640


■ 232.1070, 10.7250,


20.3970


 249.7170, 2.4750,
4.7070


 56.9350, 53.6330,
57.7690


 56.9350, 53.6330,
57.7690


 53.7720, 55.6500,
59.7620

 65.7230, 48.1780,
52.0020

 75.0980, 42.4480,
45.7120

 83.8860, 36.9930,
39.9450

 93.2610, 31.2630,
33.6550

 102.0490, 25.8080,
27.8880

■ 110.8370, 20.3530,
22.1210

■ 120.2120, 14.6230,
15.8310

■ 129.0000, 9.1680,
10.0640

■ 138.3750, 3.4380,
3.7740

Harmonies

Analogous

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



74.7270, 6.8240, 41.5440



56.9350, 53.6330, 57.7690



51.2620, 74.2210, 48.0850

Triad

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



56.9350, 53.6330, 57.7690



67.2920, 18.5280, -27.4240



70.0780, -70.5610, -4.2650

Complementary

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



56.9350, 53.6330, 57.7690



92.0650, -53.6330, -57.7690

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.



65.9910, -57.6750, -17.5390



56.9350, 53.6330, 57.7690



51.6560, -24.2000, -46.0240

Square

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



56.9350, 53.6330, 57.7690



70.4470, 46.4930, -11.0990



59.9320, -41.9920, -31.9440



69.2920, -76.6150, 6.3370

Rectangle

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



56.9350, 53.6330, 57.7690



62.4730, 71.1080, 21.8920



59.9320, -41.9920, -31.9440



69.2970, -66.9840, -8.5200

Sweetspot

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



56.9350, 53.6330, 57.7690



152.2500, 20.6280, 22.6440



34.6000, -17.2030, 52.9810



73.3750, 12.6060, 13.8380



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



56.9350, 53.6330, 57.7690



69.5220, 71.6940, 77.3740



49.1830, 75.4610, 36.6210



66.6630, 2.5670, 3.0390



50.3970, 52.2120, 55.9880



2.9620, 3.1630, 3.2510

Inverse Universe

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



56.9350, 53.6330, 57.7690



69.5220, 71.6940, 77.3740



99.8170, -75.4610, -36.6210



66.6630, 2.5670, 3.0390



50.3970, 52.2120, 55.9880



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 56.9350, 53.6330, 57.7690 looks on a white background.

Color Contrast Check

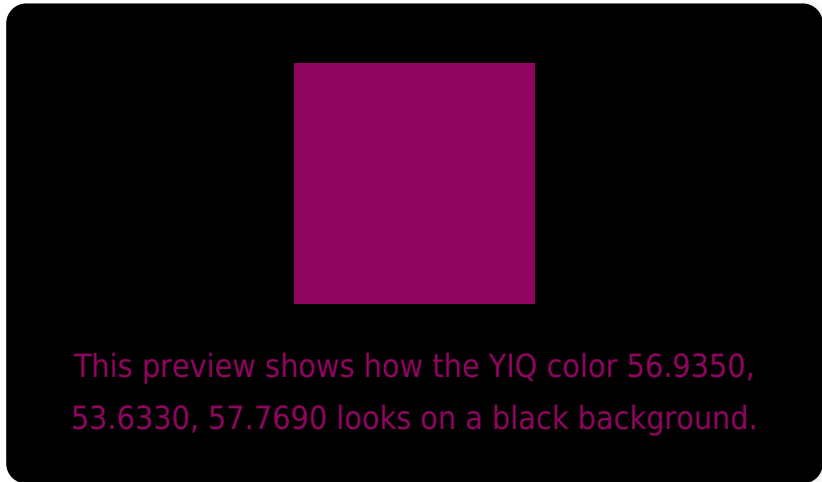
Large Text (above 18pt) WCAG AA ✓ Pass

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

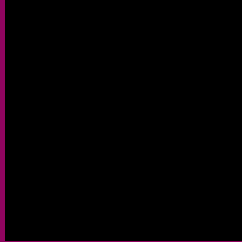
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9350, 53.6330, 57.7690

Background



This preview shows how black text looks on a background with the YIQ color 56.9350, 53.6330, 57.7690.



This preview shows how white text looks on a background with the YIQ color 56.9350, 53.6330,

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

56.9350, 53.6330, 57.7690

Protanopia

73.9950, -35.9940, 13.5580

Deuteranopia

77.6070, -3.0270, 5.3010



Tritanopia

68.7260, 60.1500, 22.2460

Trichromacy



Original Color

56.9350, 53.6330, 57.7690

Protanomaly

68.0750, -3.4440, 29.3880

Deuteranomaly

70.3360, 17.5100, 24.0860

Tritanomaly

64.2610, 57.6260, 34.9540

Monochromacy



Original Color

56.9350, 53.6330, 57.7690

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0110, 19.8030, 21.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9350, 53.6330, 57.7690 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(144, 5, 96)` looks like.

```
.text, #text, p{  
    color:rgb(144, 5, 96)  
}
```

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(144, 5, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 5, 96) }
```

Border

The CSS property to change the border of an element to YIQ 56.9350, 53.6330, 57.7690 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(144, 5, 96) }
```


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

```
.border{ border-color:rgb(144, 5, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 5, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 5, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 5, 96);  
box-shadow:4px 4px 4px 4px rgb(144, 5, 96)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9350, 53.6330, 57.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 5, 96) }
```

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

```
.background{ background-color: rgb(144, 5,  
96) }
```

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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