

Converting Colors

YIQ(56.4980, 61.9330, 50.5170)

Have a look what the booklet for
YIQ(56.4980, 61.9330, 50.5170)
contains.

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Color

**YIQ(56.4980, 61.9330,
50.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	93074A
RGB	147, 7, 74
RGB Percent	58%, 3%, 29%
CMY	0.4232, 0.9727, 0.7096
CMYK	0.00, 0.95, 0.50, 0.42
HSL	331°, 91%, 30%
HSV	331°, 95%, 58%
XYZ	13.3628, 6.8576, 7.1067
YIQ	56.4980, 61.9330, 50.5170

Conversions

Conversions Part 2

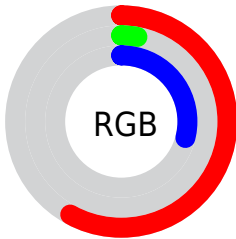
Format	Color
RYB	147, 7, 74
Decimal	9635658
CIELab	31.48, 55.33, 1.34
CIELCh	31, 55.348, 1.385
Yxy	6.8576, 0.4890, 0.2509
Android (android.graphics.Color)	4287825738 (0xFF93074A)
YUV	56.4980, 8.6285, 79.3703
Hunter-Lab	26.1871, 45.2579, 2.2408

Details

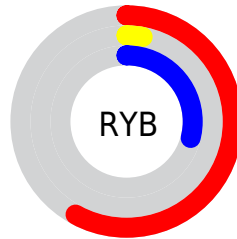
The YIQ color **56.4980, 61.9330, 50.5170** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **97.5020, -61.9330, -50.5170**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1140, 62.7140, 41.8660**, and **30.4440, 43.6890, 28.7210** is the 20% darker color. If you saturate the color by 10%, you get **51.9330, 65.1420, 52.9340**, and if you desaturate by 10%, it is **66.2150, 55.2400, 45.1600**.

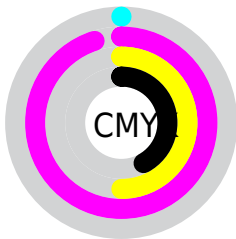
Distribution



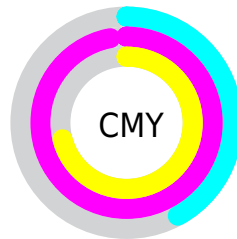
- Red (58%)
- Green (3%)
- Blue (29%)



- Red (58%)
- Yellow (3%)
- Blue (29%)



- Cyan (0%)
- Magenta (95%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (97%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.4980, 61.9330, 50.5170 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 56.4980, 61.9330, 50.5170 by changing the saturation by 10% instead.

■ 56.4980, 61.9330,
50.5170

■ 56.4980, 61.9330,
50.5170

■ 255.0000, -0.0000,
-0.0000

■ 41.2100, 53.6360,
41.1880

■ 120.1140, 62.7140,
41.8660

■ 30.4440, 43.6890,
28.7210

■ 148.4840, 64.5480,
41.6680

■ 19.7060, 36.5390,
15.1230

■ 173.0920, 59.7800,
39.9720

■ 9.6820, 18.7510,
7.0950


■ 192.6060, 43.4130,
33.7250


■ 0.0000, 0.0000,
0.0000


■ 212.2340, 26.7250,
27.7890


■ 232.1070, 10.7250,


20.3970


 249.7170, 2.4750,
4.7070


 56.4980, 61.9330,
50.5170


 56.4980, 61.9330,
50.5170


 51.9330, 65.1420,
52.9340

 66.2150, 55.2400,
45.1600

 75.2310, 49.1430,
40.0150

 84.9480, 42.4500,
34.6580

 94.6650, 35.7570,
29.3010

 104.2680, 29.3850,
23.6330

■ 113.3980, 22.9670,
18.7990

■ 123.1150, 16.2740,
13.4420

■ 132.7180, 9.9020,
7.7740

■ 141.8480, 3.4840,
2.9400

Harmonies

Analogous

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



70.8560, 28.5100, 45.0060



56.4980, 61.9330, 50.5170



63.1400, 67.8520, 25.8360

Triad

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



56.4980, 61.9330, 50.5170



62.7630, 3.7200, -34.3920



69.4570, -72.9460, 0.4140

Complementary

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



56.4980, 61.9330, 50.5170



97.5020, -61.9330, -50.5170

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.



67.4560, -63.1780, -11.4180



56.4980, 61.9330, 50.5170



56.1360, -34.0590, -38.0510

Square

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



56.4980, 61.9330, 50.5170



69.7610, 33.5650, -19.0990



62.5540, -49.3750, -24.7910



64.8410, -73.7270, 9.0650

Rectangle

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



56.4980, 61.9330, 50.5170



66.7580, 65.1510, 3.1910



62.5540, -49.3750, -24.7910



69.6050, -70.6070, -3.4310

Sweetspot

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



56.4980, 61.9330, 50.5170



155.4090, 24.4340, 19.7460



44.4880, -2.0280, 58.8040



74.9900, 15.1280, 12.1840



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



56.4980, 61.9330, 50.5170



67.5970, 84.3040, 69.1040



50.0340, 82.8900, 28.6340



69.4350, 3.2090, 2.4170



48.7860, 61.0620, 49.7820



3.5600, 4.3550, 3.6750

Inverse Universe

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



56.4980, 61.9330, 50.5170



67.5970, 84.3040, 69.1040



103.9660, -82.8900, -28.6340



69.4350, 3.2090, 2.4170



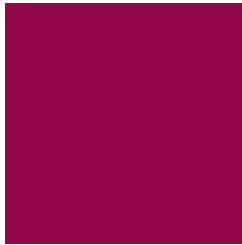
48.7860, 61.0620, 49.7820



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 56.4980, 61.9330, 50.5170 looks on a white background.

Color Contrast Check

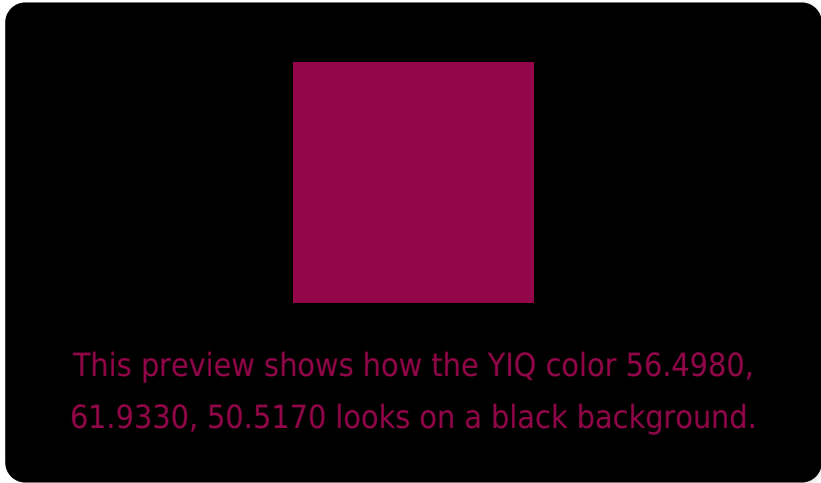
Large Text (above 18pt) WCAG AA ✓ Pass

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

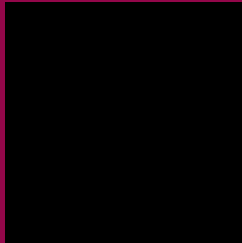
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.4980, 61.9330, 50.5170

Background



This preview shows how black text looks on a background with the YIQ color 56.4980, 61.9330, 50.5170.



This preview shows how white text looks on a background with the YIQ color 56.4980, 61.9330,

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

56.4980, 61.9330, 50.5170

Protanopia

76.8430, -15.3150, 7.7330

Deuteranopia

77.2030, 9.6740, 0.8900



Tritanopia

64.3850, 68.5400, 24.3800

Trichromacy



Original Color

56.4980, 61.9330, 50.5170

Protanomaly

69.4710, 12.6960, 23.2240

Deuteranomaly

69.9210, 28.7440, 18.7280

Tritanomaly

61.8120, 66.2000, 33.7520

Monochromacy



Original Color

56.4980, 61.9330, 50.5170

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.0990, 22.3710, 18.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.4980, 61.9330, 50.5170 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(147, 7, 74)` looks like.

```
.text, #text, p{  
    color:rgb(147, 7, 74)  
}
```

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(147, 7, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 7, 74) }
```

Border

The CSS property to change the border of an element to YIQ 56.4980, 61.9330, 50.5170 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(147, 7, 74) }
```


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

```
.border{ border-color:rgb(147, 7, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 7, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 7, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 7, 74);  
box-shadow:4px 4px 4px 4px rgb(147, 7, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.4980, 61.9330, 50.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 7, 74) }
```

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

```
.background{ background-color: rgb(147, 7,  
74) }
```

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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