

Converting Colors

YIQ(54.7680, 61.4730, 58.8570)

Have a look what the booklet for
YIQ(54.7680, 61.4730, 58.8570)
contains.

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Color

**YIQ(54.7680, 61.4730,
58.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	960057
RGB	150, 0, 87
RGB Percent	59%, 0%, 34%
CMY	0.4114, 0.9999, 0.6586
CMYK	0.00, 1.00, 0.42, 0.41
HSL	325°, 100%, 29%
HSV	325°, 100%, 59%
XYZ	14.3191, 7.1828, 9.6582
YIQ	54.7680, 61.4730, 58.8570

Conversions

Conversions Part 2

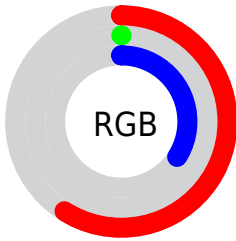
Format	Color
R_{YB}	150, 0, 87
Decimal	9830487
CIE _{Lab}	32.22, 58.21, -6.06
CIE _{LCh}	32, 58.521, 354.058
Yxy	7.1828, 0.4595, 0.2305
Android (android.graphics.Color)	4288020567 (0xFF960057)
YUV	54.7680, 15.8904, 83.5185
Hunter-Lab	26.8008, 48.4674, -2.6057

Details

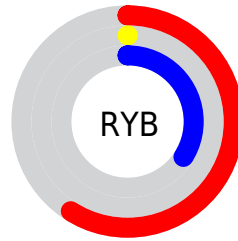
The YIQ color **54.7680, 61.4730, 58.8570** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **95.2320, -61.4730, -58.8570**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1340, 59.9620, 47.6900**, and **32.5950, 41.9460, 32.7780** is the 20% darker color. If you saturate the color by 10%, you get **54.7680, 61.4730, 58.8570**, and if you desaturate by 10%, it is **64.2570, 55.4220, 52.8780**.

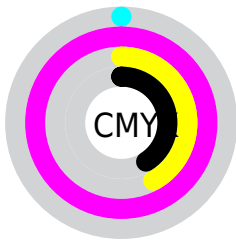
Distribution



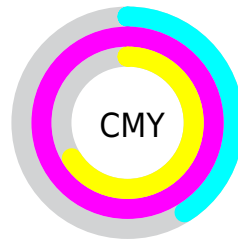
- Red (59%)
- Green (0%)
- Blue (34%)



- Red (59%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.7680, 61.4730, 58.8570 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 54.7680, 61.4730, 58.8570 by changing the saturation by 10% instead.


 54.7680, 61.4730,
58.8570


 54.7680, 61.4730,
58.8570


255.0000, -0.0000,
-0.0000


 43.4750, 51.5720,
45.5560


 122.1340, 59.9620,
47.6900


 32.5950, 41.9460,
32.7780

 150.5040, 61.7960,
47.4920


 22.5410, 32.8700,
21.0460

 174.8020, 54.9650,
44.6370

 11.4760, 22.3270,
8.3670

 194.4300, 38.2770,
38.7010

 0.0000, 0.0000,
0.0000

 214.0580, 21.5890,
32.7650

 232.1070, 10.7250,

20.3970

■ 249.7170, 2.4750,
4.7070

■ 54.7680, 61.4730,
58.8570

■ 64.2570, 55.4220,
52.8780

■ 73.8600, 49.0500,
47.2100

■ 83.3490, 42.9990,
41.2310

■ 92.8380, 36.9480,
35.2520

■ 102.4410, 30.5760,
29.5840

■ 111.9300, 24.5250,
23.6050

■ 121.4190, 18.4740,
17.6260

■ 130.9080, 12.4230,
11.6470

■ 140.5110, 6.0510,
5.9790

Harmonies

Analogous

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



74.2940, 18.4690, 45.2610



54.7680, 61.4730, 58.8570



58.4540, 73.2600, 37.9640

Triad

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



54.7680, 61.4730, 58.8570



66.6500, 11.4680, -31.6360



71.8050, -74.0460, -1.6780

Complementary

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



54.7680, 61.4730, 58.8570



95.2320, -61.4730, -58.8570

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.



68.5330, -62.0770, -14.8530



54.7680, 61.4730, 58.8570



54.7850, -28.8770, -43.8610

Square

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



54.7680, 61.4730, 58.8570



71.8760, 40.6710, -15.7210



62.5880, -46.7150, -28.9470



69.1610, -77.6240, 8.1040

Rectangle

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



54.7680, 61.4730, 58.8570



66.4910, 70.6970, 12.8170



62.5880, -46.7150, -28.9470



71.1380, -70.7900, -5.6220

Sweetspot

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



54.7680, 61.4730, 58.8570



158.6310, 23.9290, 23.3930



35.9370, -10.6020, 60.0060



76.7450, 14.4400, 13.6400



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



54.7680, 61.4730, 58.8570



71.6000, 80.2220, 77.0060



46.3320, 85.2270, 35.8430



69.5490, 2.8880, 2.7280



50.3820, 56.5680, 54.1360



3.6740, 4.0340, 3.9860

Inverse Universe

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



54.7680, 61.4730, 58.8570



71.6000, 80.2220, 77.0060



103.7820, -85.5480, -35.5320



69.5490, 2.8880, 2.7280



50.3820, 56.5680, 54.1360



3.6740, 4.0340, 3.9860

Previews

White Background



This preview shows how the YIQ color 54.7680, 61.4730, 58.8570 looks on a white background.

Color Contrast Check

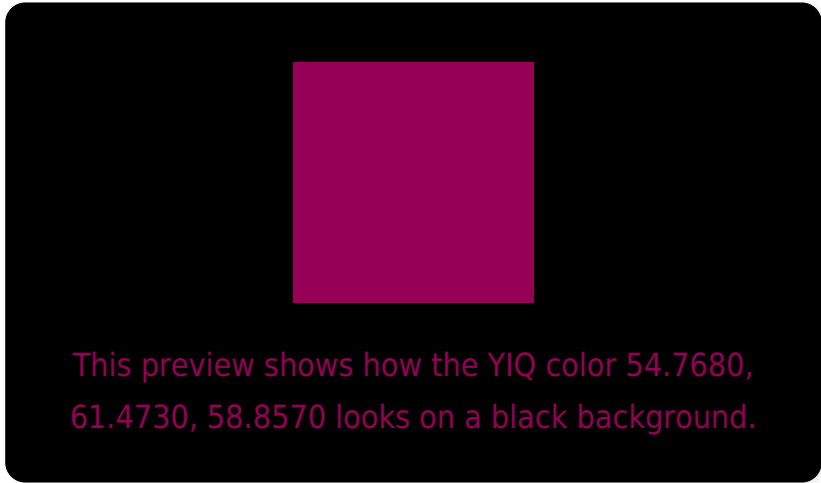
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7680, 61.4730, 58.8570

Background



This preview shows how black text looks on a background with the YIQ color 54.7680, 61.4730, 58.8570.



This preview shows how white text looks on a background with the YIQ color 54.7680, 61.4730,

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

54.7680, 61.4730, 58.8570

Protanopia

77.6880, -24.9440, 11.5360

Deuteranopia

80.1470, 4.0800, 3.1520



Tritanopia

67.9010, 67.0270, 24.2670

Trichromacy



Original Color

54.7680, 61.4730, 58.8570

Protanomaly

69.2240, 6.3220, 28.6100

Deuteranomaly

70.8160, 24.8460, 23.2940

Tritanomaly

63.3220, 64.8240, 36.6640

Monochromacy



Original Color

54.7680, 61.4730, 58.8570

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0930, 22.5080, 21.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.7680, 61.4730, 58.8570 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(150, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 87)  
}
```

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(150, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 87) }
```

Border

The CSS property to change the border of an element to YIQ 54.7680, 61.4730, 58.8570 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(150, 0, 87) }
```


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

```
.border{ border-color:rgb(150, 0, 87) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(150, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.7680, 61.4730, 58.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 87) }
```

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

```
.background{ background-color: rgb(150, 0,  
87) }
```

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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