

Converting Colors

YIQ(57.9110, 53.0400, 40.9760)

Have a look what the booklet for
YIQ(57.9110, 53.0400, 40.9760)
contains.

YIQ(57.9110, 53.0400, 40.9760)	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(57.9110, 53.0400,
40.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	861145
RGB	134, 17, 69
RGB Percent	53%, 7%, 27%
CMY	0.4742, 0.9335, 0.7292
CMYK	0.00, 0.87, 0.49, 0.47
HSL	333°, 78%, 30%
HSV	333°, 87%, 53%
XYZ	11.1194, 5.9044, 6.1909
YIQ	57.9110, 53.0400, 40.9760

Conversions

Conversions Part 2

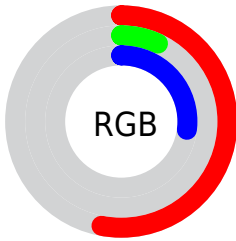
Format	Color
R_{YB}	134, 17, 69
Decimal	8786245
CIE _{Lab}	29.17, 49.84, 0.97
CIE _{LCh}	29, 49.851, 1.119
Yxy	5.9044, 0.4790, 0.2543
Android (android.graphics.Color)	4286976325 (0xFF861145)
YUV	57.9110, 5.4669, 66.7301
Hunter-Lab	24.2990, 39.1592, 1.9034

Details

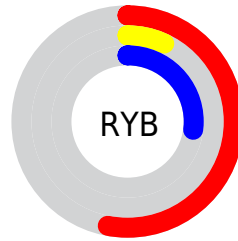
The YIQ color **57.9110, 53.0400, 40.9760** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **93.0890, -53.0400, -40.9760**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9450, 55.7000, 36.8200**, and **26.2860, 38.1420, 24.6220** is the 20% darker color. If you saturate the color by 10%, you get **49.4820, 58.8620, 45.5980**, and if you desaturate by 10%, it is **66.3400, 47.2180, 36.3540**.

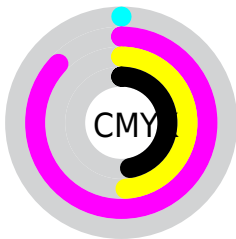
Distribution



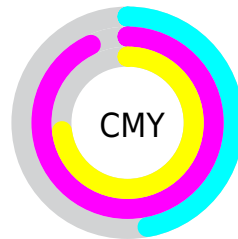
- Red (53%)
- Green (7%)
- Blue (27%)



- Red (53%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (87%)
- Yellow (49%)
- Black (47%)





- Cyan (47%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 57.9110, 53.0400, 40.9760 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 57.9110, 53.0400, 40.9760 by changing the saturation by 10% instead.


 57.9110, 53.0400,
40.9760


 57.9110, 53.0400,
40.9760


255.0000, -0.0000,
-0.0000


 37.0520, 48.0890,
37.0890


 115.9450, 55.7000,
36.8200


 26.2860, 38.1420,
24.6220

 143.4290, 57.2130,
36.9330


 16.6730, 32.1380,
12.2820

 171.2120, 59.3220,
37.2580

 2.3920, 4.7680,
1.6960

 191.3350, 45.6140,
32.3820

 0.0000, 0.0000,
0.0000

 210.9630, 28.9260,
26.4460

 231.2920, 11.6420,

20.2980

248.5430, 3.0250,
5.7530

57.9110, 53.0400,
40.9760

57.9110, 53.0400,
40.9760

49.4820, 58.8620,
45.5980

66.3400, 47.2180,
36.3540

46.9060, 60.6040,
47.0680

75.4700, 40.8000,
31.5200

83.8990, 34.9780,
26.8980

93.0290, 28.5600,
22.0640

101.4580, 22.7380,
17.4420

■ 110.0010, 16.5950,
13.1310

■ 119.0170, 10.4980,
7.9860

■ 127.5600, 4.3550,
3.6750

■ 136.5760, -1.7420,
-1.4700

Harmonies

Analogous

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



67.1280, 24.5680, 39.3520



57.9110, 53.0400, 40.9760



60.6120, 60.4710, 21.9350

Triad

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



57.9110, 53.0400, 40.9760



58.9420, 4.7740, -31.4660



63.7520, -66.5270, -0.2790

Complementary

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



57.9110, 53.0400, 40.9760



93.0890, -53.0400, -40.9760

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.



62.2070, -58.0430, -10.8670



57.9110, 53.0400, 40.9760



51.9130, -31.8130, -34.7010

Square

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



57.9110, 53.0400, 40.9760



65.0320, 31.3640, -17.7560



57.7610, -45.5240, -22.9960



59.6090, -67.2620, 7.5380

Rectangle

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



57.9110, 53.0400, 40.9760



63.0500, 58.4570, 3.3610



57.7610, -45.5240, -22.9960



64.0140, -64.5090, -3.8130

Sweetspot

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



57.9110, 53.0400, 40.9760



143.7350, 20.4000, 15.7600



49.4740, 0.5870, 49.9550



69.4410, 12.2400, 9.4560



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



57.9110, 53.0400, 40.9760



60.5050, 78.3910, 60.6230



55.5050, 68.0820, 21.6660



62.1360, 2.6130, 2.2050



45.4820, 58.8620, 45.5980



1.0110, 1.4670, 0.9470

Inverse Universe

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



57.9110, 53.0400, 40.9760



60.5050, 78.3910, 60.6230



95.4950, -68.0820, -21.6660



62.1360, 2.6130, 2.2050



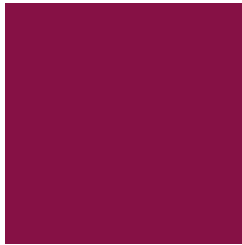
45.4820, 58.8620, 45.5980



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 57.9110, 53.0400, 40.9760 looks on a white background.

Color Contrast Check

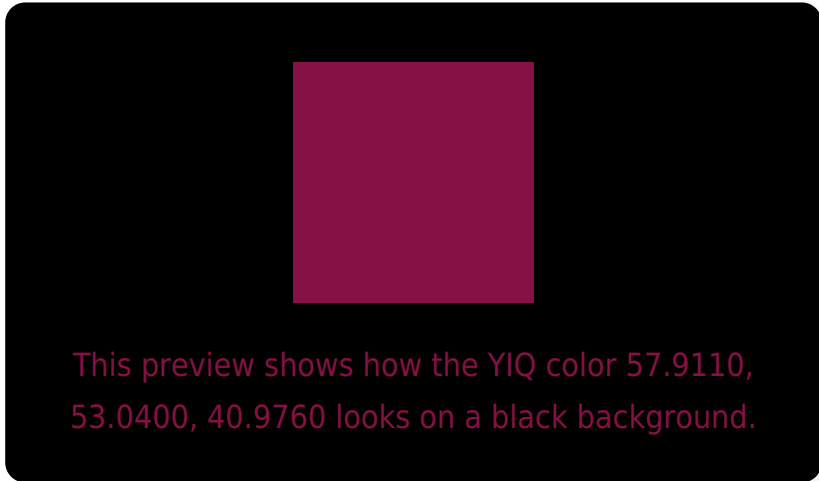
Large Text (above 18pt) WCAG AA ✓ Pass

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

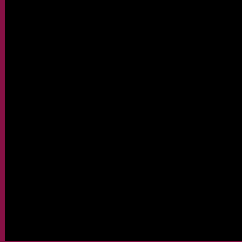
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.9110, 53.0400, 40.9760

Background



This preview shows how black text looks on a background with the YIQ color 57.9110, 53.0400, 40.9760.



This preview shows how white text looks on a background with the YIQ color 57.9110, 53.0400,

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

57.9110, 53.0400, 40.9760

Protanopia

70.9850, -12.8390, 6.9130

Deuteranopia

71.1320, 8.4360, 1.3000



Tritanopia

61.3130, 59.8750, 21.7230

Trichromacy



Original Color

57.9110, 53.0400, 40.9760

Protanomaly

66.4660, 11.0920, 19.2520

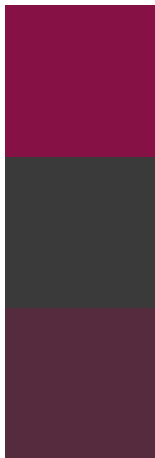
Deuteranomaly

66.1870, 24.9390, 16.0990

Tritanomaly

60.1590, 57.6730, 28.5930

Monochromacy



Original Color

57.9110, 53.0400, 40.9760

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0230, 19.5290, 15.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.9110, 53.0400, 40.9760 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(134, 17, 69)` looks like.

```
.text, #text, p{  
    color:rgb(134, 17, 69)  
}
```

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(134, 17, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 17, 69) }
```

Border

The CSS property to change the border of an element to YIQ 57.9110, 53.0400, 40.9760 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(134, 17, 69) }
```


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

```
.border{ border-color:rgb(134, 17, 69) }
```

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

Here you see how a box with a 4 pixel rgb(134, 17, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 17, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 17, 69);  
box-shadow:4px 4px 4px 4px rgb(134, 17,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 57.9110, 53.0400, 40.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 17, 69) }
```

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

```
.background{ background-color: rgb(134, 17,  
69) }
```

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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