

Converting Colors

YIQ(54.1010, 38.3660, 53.6140)

Have a look what the booklet for
YIQ(54.1010, 38.3660, 53.6140)
contains.

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Color

**YIQ(54.1010, 38.3660,
53.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	7C0967
RGB	124, 9, 103
RGB Percent	49%, 4%, 40%
CMY	0.5134, 0.9649, 0.5960
CMYK	0.00, 0.93, 0.17, 0.51
HSL	311°, 87%, 26%
HSV	311°, 93%, 49%
XYZ	10.8708, 5.4654, 13.3193
YIQ	54.1010, 38.3660, 53.6140

Conversions

Conversions Part 2

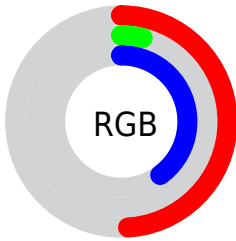
Format	Color
R_{YB}	124, 9, 103
Decimal	8128871
CIE _{Lab}	28.02, 52.96, -23.38
CIE _{LCh}	28, 57.889, 336.176
Yxy	5.4654, 0.3666, 0.1843
Android (android.graphics.Color)	4286318951 (0xFF7C0967)
YUV	54.1010, 24.1072, 61.3014
Hunter-Lab	23.3782, 42.0900, -17.4145

Details

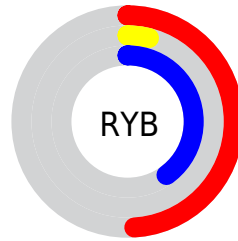
The YIQ color **54.1010, 38.3660, 53.6140** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **78.8990, -38.3660, -53.6140**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2270, 37.7710, 47.8750**, and **27.6130, 24.3400, 32.4680** is the 20% darker color. If you saturate the color by 10%, you get **48.5900, 41.4830, 57.6990**, and if you desaturate by 10%, it is **61.3730, 34.4240, 47.9600**.

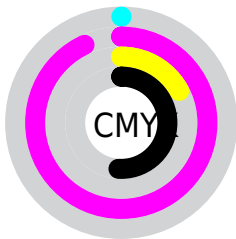
Distribution



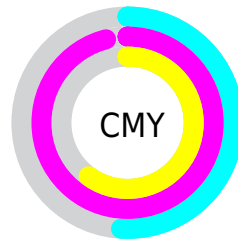
- Red (49%)
- Green (4%)
- Blue (40%)



- Red (49%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (93%)
- Yellow (17%)
- Black (51%)





- Cyan (51%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 54.1010, 38.3660, 53.6140 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 54.1010, 38.3660, 53.6140 by changing the saturation by 10% instead.


 54.1010, 38.3660,
53.6140


 54.1010, 38.3660,
53.6140


255.0000, -0.0000,
-0.0000


 38.0090, 32.4530,
45.1330


 114.2270, 37.7710,
47.8750


 27.6130, 24.3400,
32.4680

 141.8250, 38.9630,
48.2990


 17.9290, 17.0980,
20.5380

 169.5370, 39.8340,
49.0340

 0.7980, -2.2470,
2.1770


 194.2480, 33.2780,
46.7020


 0.0000, 0.0000,
0.0000


 212.7360, 19.8000,
37.6560


 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 54.1010, 38.3660,
53.6140


 54.1010, 38.3660,
53.6140


 48.5900, 41.4830,
57.6990

 61.3730, 34.4240,
47.9600

 69.3460, 29.8860,
42.0940

 76.6180, 25.9440,
36.4400

 84.4770, 21.7270,
30.2630

 91.7490, 17.7850,
24.6090

■ 99.1350, 13.5220,
19.2660

■ 106.9940, 9.3050,
13.0890

■ 114.2660, 5.3630,
7.4350

■ 122.1250, 1.1460,
1.2580

Harmonies

Analogous

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



66.4360, -14.5860, 33.0780



54.1010, 38.3660, 53.6140



48.8850, 65.0970, 48.2410

Triad

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



54.1010, 38.3660, 53.6140



62.0420, 25.4040, -19.8760



62.7600, -60.9780, -7.2340

Complementary

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



54.1010, 38.3660, 53.6140



78.8990, -38.3660, -53.6140

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.



57.8580, -47.1750, -20.6070



54.1010, 38.3660, 53.6140



51.7770, -8.0630, -35.6070

Square

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



54.1010, 38.3660, 53.6140



61.6530, 52.0850, -2.3070



51.2120, -31.2170, -34.4890



63.9460, -69.8290, 4.4990

Rectangle

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



54.1010, 38.3660, 53.6140



44.6820, 72.6180, 38.5860



51.2120, -31.2170, -34.4890



61.2780, -56.8050, -11.2770

Sweetspot

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



54.1010, 38.3660, 53.6140



133.5590, 15.2640, 20.7360



27.7910, -25.5910, 39.7930



64.9940, 9.3050, 13.0890



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



54.1010, 38.3660, 53.6140



63.0730, 53.9050, 74.8730



47.7170, 56.3420, 36.1980



57.3640, 1.9710, 2.8270



49.0030, 41.7580, 58.2220



98.8320, 84.0660, 117.4900

Inverse Universe

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



54.1010, 38.3660, 53.6140



63.0730, 53.9050, 74.8730



85.2830, -56.3420, -36.1980



57.3640, 1.9710, 2.8270



49.0030, 41.7580, 58.2220



98.8320, 84.0660, 117.4900

Previews

White Background



This preview shows how the YIQ color 54.1010, 38.3660, 53.6140 looks on a white background.

Color Contrast Check

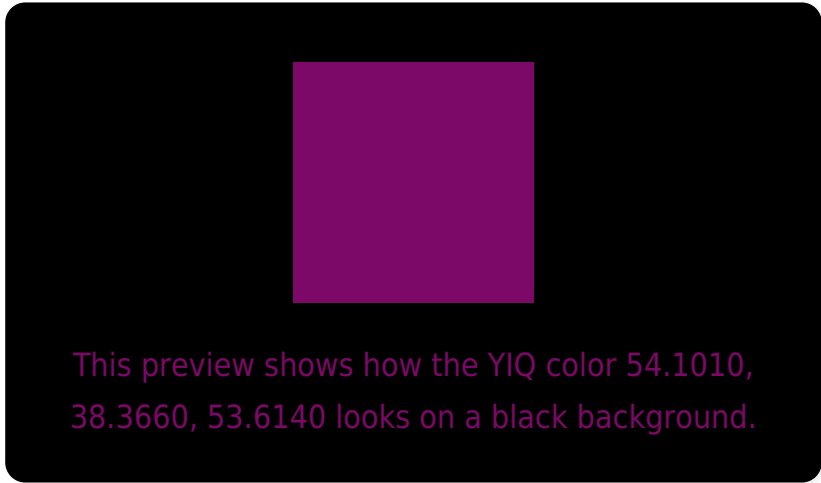
Large Text (above 18pt) WCAG AA ✓ Pass

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

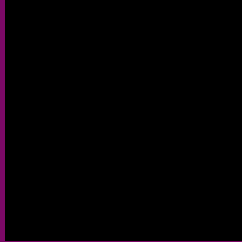
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.1010, 38.3660, 53.6140

Background



This preview shows how black text looks on a background with the YIQ color 54.1010, 38.3660, 53.6140.



This preview shows how white text looks on a background with the YIQ color 54.1010, 38.3660,

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

54.1010, 38.3660, 53.6140

Protanopia

54.8160, -63.4110, 9.3330

Deuteranopia

68.6150, -14.6730, 7.1110



Tritanopia

64.5500, 45.8460, 17.1580

Trichromacy



Original Color

54.1010, 38.3660, 53.6140

Protanomaly

54.3480, -26.3220, 25.5020

Deuteranomaly

63.6920, 4.7640, 23.8040

Tritanomaly

60.6120, 43.2760, 30.7000

Monochromacy



Original Color

54.1010, 38.3660, 53.6140

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.1350, 13.5220, 19.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1010, 38.3660, 53.6140 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(124, 9, 103)` looks like.

```
.text, #text, p{  
    color:rgb(124, 9, 103)  
}
```

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(124, 9, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 9, 103) }
```

Border

The CSS property to change the border of an element to YIQ 54.1010, 38.3660, 53.6140 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(124, 9, 103) }
```


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

```
.border{ border-color:rgb(124, 9, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 9, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 9, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 9, 103);  
box-shadow:4px 4px 4px 4px rgb(124, 9,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 54.1010, 38.3660, 53.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 9, 103) }
```

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

```
.background{ background-color: rgb(124, 9,  
103) }
```

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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