

Converting Colors

YIQ(52.5010, 39.5150, 38.2910)

Have a look what the booklet for
YIQ(52.5010, 39.5150, 38.2910)
contains.

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Color

**YIQ(52.5010, 39.5150,
38.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	72114A
RGB	114, 17, 74
RGB Percent	45%, 7%, 29%
CMY	0.5527, 0.9335, 0.7097
CMYK	0.00, 0.85, 0.35, 0.55
HSL	325°, 74%, 26%
HSV	325°, 85%, 45%
XYZ	8.3851, 4.4764, 6.9057
YIQ	52.5010, 39.5150, 38.2910

Conversions

Conversions Part 2

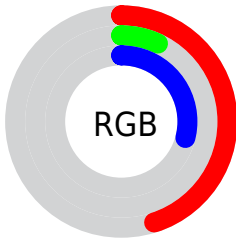
Format	Color
R_{YB}	114, 17, 74
Decimal	7475530
CIE _{Lab}	25.19, 45.05, -8.75
CIE _{LCh}	25, 45.891, 349.014
Yxy	4.4764, 0.4242, 0.2265
Android (android.graphics.Color)	4285665610 (0xFF72114A)
YUV	52.5010, 10.5990, 53.9346
Hunter-Lab	21.1575, 33.7170, -4.5418

Details

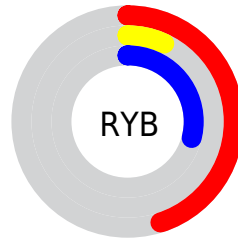
The YIQ color **52.5010, 39.5150, 38.2910** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.4990, -39.5150, -38.2910**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.4040, 41.1660, 35.9020**, and **21.6590, 26.7260, 22.2620** is the 20% darker color. If you saturate the color by 10%, you get **45.4740, 44.1450, 42.4890**, and if you desaturate by 10%, it is **59.5280, 34.8850, 34.0930**.

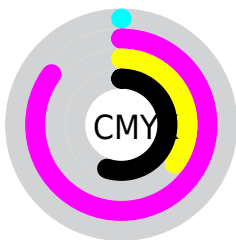
Distribution



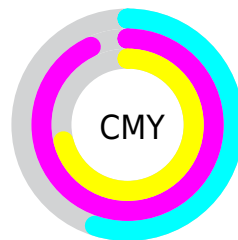
- Red (45%)
- Green (7%)
- Blue (29%)



- Red (45%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5010, 39.5150, 38.2910 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 52.5010, 39.5150, 38.2910 by changing the saturation by 10% instead.

■ 52.5010, 39.5150,
38.2910

■ 52.5010, 39.5150,
38.2910

255.0000, -0.0000,
-0.0000

■ 31.8270, 35.4810,
34.3050

■ 107.4040, 41.1660,
35.9020

■ 21.6590, 26.7260,
22.2620

■ 134.1870, 43.2750,
36.2270

■ 11.5900, 22.0060,
8.6780

■ 161.7850, 44.4670,
36.6510


■ 0.0000, 0.0000,
0.0000


■ 189.1980, 44.7420,
37.1740


■ 208.2390, 28.3290,
31.7610


■ 227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 52.5010, 39.5150,
38.2910


 52.5010, 39.5150,
38.2910


 45.4740, 44.1450,
42.4890


 59.5280, 34.8850,
34.0930

 41.7240, 46.4370,
45.0050

 67.0280, 30.3010,
29.0610

 74.0550, 25.6710,
24.8630

 81.6690, 20.7660,
20.1420

 88.6960, 16.1360,
15.9440

■ 95.6090, 11.8270,
11.4350

■ 103.2230, 6.9220,
6.7140

■ 110.2500, 2.2920,
2.5160

■ 117.7500, -2.2920,
-2.5160

Harmonies

Analogous

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



60.4030, 7.3760, 31.5360



52.5010, 39.5150, 38.2910



50.1200, 53.4090, 28.7770

Triad

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



52.5010, 39.5150, 38.2910



54.3010, 14.3090, -22.5470



55.6190, -56.0270, -3.3470

Complementary

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



52.5010, 39.5150, 38.2910



78.4990, -39.5150, -38.2910

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.



53.2590, -46.6260, -14.0340



52.5010, 39.5150, 38.2910



42.3610, -21.4510, -35.2670

Square

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



52.5010, 39.5150, 38.2910



57.1130, 35.8100, -10.2220



48.5680, -34.7950, -24.7070



54.6220, -60.1090, 4.5550

Rectangle

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



52.5010, 39.5150, 38.2910



53.3350, 53.6410, 13.5530



48.5680, -34.7950, -24.7070



55.1800, -53.4130, -6.6690

Sweetspot

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



52.5010, 39.5150, 38.2910



123.2830, 15.8610, 15.4210



39.7190, -7.8930, 38.4350



59.3590, 9.5350, 8.9190



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



52.5010, 39.5150, 38.2910



54.1700, 60.2810, 58.4330



47.1430, 54.6020, 23.6740



52.2500, 2.2920, 2.5160



43.8600, 49.0500, 47.2100



90.3830, 100.6670, 97.4590

Inverse Universe

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



52.5010, 39.5150, 38.2910



54.1700, 60.2810, 58.4330



83.8570, -54.6020, -23.6740



52.2500, 2.2920, 2.5160



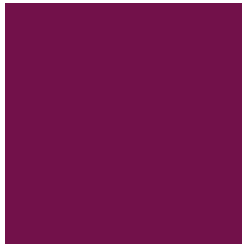
43.8600, 49.0500, 47.2100



90.3830, 100.6670, 97.4590

Previews

White Background



This preview shows how the YIQ color 52.5010, 39.5150, 38.2910 looks on a white background.

Color Contrast Check

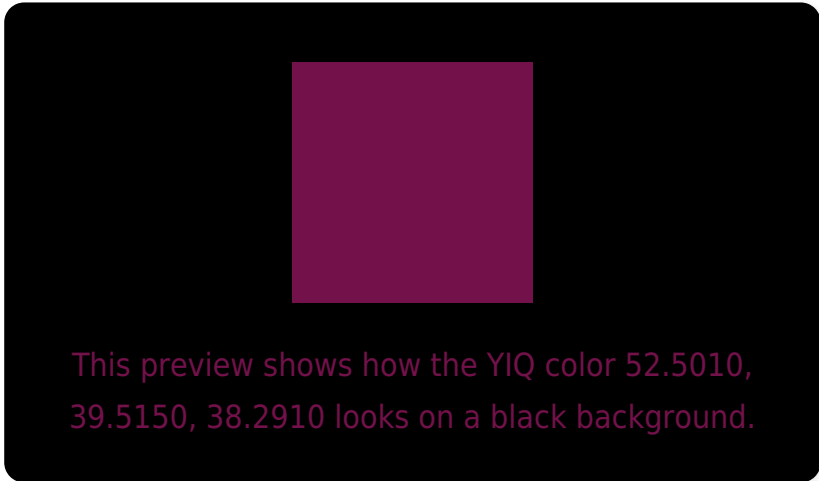
Large Text (above 18pt) WCAG AA ✓ Pass

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

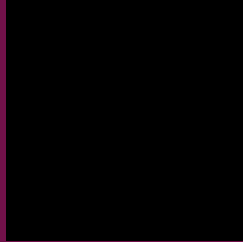
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5010, 39.5150, 38.2910

Background



This preview shows how black text looks on a background with the YIQ color 52.5010, 39.5150, 38.2910.



This preview shows how white text looks on a background with the YIQ color 52.5010, 39.5150,

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

52.5010, 39.5150, 38.2910

Protanopia

61.0040, -23.0180, 9.6700

Deuteranopia

62.2220, -0.5050, 3.6470



Tritanopia

55.8490, 46.4420, 17.3700

Trichromacy



Original Color

52.5010, 39.5150, 38.2910

Protanomaly

57.8330, -0.1870, 19.9170

Deuteranomaly

58.4400, 13.9810, 16.4530

Tritanomaly

54.9230, 43.5980, 24.8620

Monochromacy



Original Color

52.5010, 39.5150, 38.2910

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8590, 14.1190, 13.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5010, 39.5150, 38.2910 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(114, 17, 74)` looks like.

```
.text, #text, p{  
    color:rgb(114, 17, 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(114, 17, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 17, 74) }
```

Border

The CSS property to change the border of an element to YIQ 52.5010, 39.5150, 38.2910 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(114, 17, 74) }
```


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

```
.border{ border-color:rgb(114, 17, 74) }
```

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

Here you see how a box with a 4 pixel rgb(114, 17, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 17, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 17, 74);  
box-shadow:4px 4px 4px 4px rgb(114, 17,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 52.5010, 39.5150, 38.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 17, 74) }
```

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

```
.background{ background-color: rgb(114, 17,  
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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