

Converting Colors

YIQ(51.4820, 49.6940, 35.5340)

Have a look what the booklet for
YIQ(51.4820, 49.6940, 35.5340)
contains.

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Color

**YIQ(51.4820, 49.6940,
35.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	790F39
RGB	121, 15, 57
RGB Percent	47%, 6%, 22%
CMY	0.5252, 0.9413, 0.7763
CMYK	0.00, 0.88, 0.53, 0.53
HSL	336°, 78%, 27%
HSV	336°, 88%, 47%
XYZ	8.8049, 4.7063, 4.3207
YIQ	51.4820, 49.6940, 35.5340

Conversions

Conversions Part 2

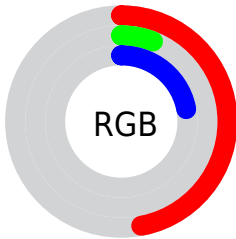
Format	Color
R_{YB}	121, 15, 57
Decimal	7933753
CIE _{Lab}	25.88, 45.72, 3.99
CIE _{LCh}	26, 45.890, 4.990
Yxy	4.7063, 0.4938, 0.2639
Android (android.graphics.Color)	4286123833 (0xFF790F39)
YUV	51.4820, 2.7204, 60.9673
Hunter-Lab	21.6940, 34.4827, 3.3772

Details

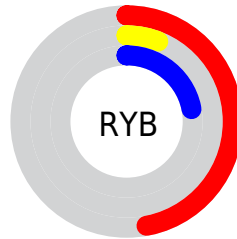
The YIQ color **51.4820, 49.6940, 35.5340** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **84.5180, -49.6940, -35.5340**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.9290, 52.6290, 31.9010**, and **21.6290, 35.4380, 18.5580** is the 20% darker color. If you saturate the color by 10%, you get **43.6400, 55.2410, 39.6330**, and if you desaturate by 10%, it is **59.3240, 44.1470, 31.4350**.

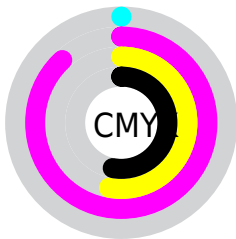
Distribution



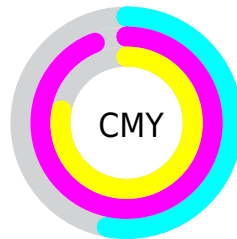
- Red (47%)
- Green (6%)
- Blue (22%)



- Red (47%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (53%)
- Black (53%)



- Cyan (53%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.4820, 49.6940, 35.5340 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 51.4820, 49.6940, 35.5340 by changing the saturation by 10% instead.

■ 51.4820, 49.6940,
35.5340

■ 51.4820, 49.6940,
35.5340

255.0000, -0.0000,
-0.0000

■ 31.9110, 43.8720,
30.9120

■ 107.9290, 52.6290,
31.9010

■ 21.6290, 35.4380,
18.5580

■ 134.7120, 54.7380,
32.2260

■ 12.3730, 24.1150,
9.0030

■ 162.4950, 56.8470,
32.5510

■ 0.0000, 0.0000,
0.0000

■ 186.6900, 51.8040,
30.3320

■ 206.3180, 35.1160,
24.3960

■ 225.9460, 18.4280,

18.4600

245.0210, 4.6750,
8.8910

51.4820, 49.6940,
35.5340

51.4820, 49.6940,
35.5340

43.6400, 55.2410,
39.6330

59.3240, 44.1470,
31.4350

41.6510, 56.7080,
40.5800

67.2800, 38.2790,
27.6470

75.1220, 32.7320,
23.5480

82.9640, 27.1850,
19.4490

91.5070, 21.0420,
15.1380

■ 99.3490, 15.4950,
11.0390

■ 107.1910, 9.9480,
6.9400

■ 115.0330, 4.4010,
2.8410

■ 122.9890, -1.4670,
-0.9470

Harmonies

Analogous

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



58.5040, 26.2650, 36.1290



51.4820, 49.6940, 35.5340



54.6280, 54.3740, 16.7900

Triad

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



51.4820, 49.6940, 35.5340



50.9570, 0.4180, -29.6140



57.1010, -60.2000, 0.6960

Complementary

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



51.4820, 49.6940, 35.5340



84.5180, -49.6940, -35.5340

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.



56.1260, -53.3210, -8.3370



51.4820, 49.6940, 35.5340



46.8580, -29.9800, -29.3720

Square

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



51.4820, 49.6940, 35.5340



57.6230, 25.2660, -17.3740



52.1360, -42.0860, -19.2220



52.6160, -59.9720, 7.5800

Rectangle

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



51.4820, 49.6940, 35.5340



56.3480, 51.6260, 0.5060



52.1360, -42.0860, -19.2220



56.8900, -58.2280, -2.0040

Sweetspot

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



51.4820, 49.6940, 35.5340



131.0830, 19.3000, 13.6680



46.2200, 4.1180, 46.5340



63.2020, 11.4150, 7.8870



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



51.4820, 49.6940, 35.5340



54.4240, 73.9450, 53.0890



53.1510, 60.1510, 16.7190



57.1360, 2.6130, 2.2050



43.0750, 58.4500, 42.0500



86.7480, 118.0920, 84.5240

Inverse Universe

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



51.4820, 49.6940, 35.5340



54.4240, 73.9450, 53.0890



82.8490, -60.1510, -16.7190



57.1360, 2.6130, 2.2050



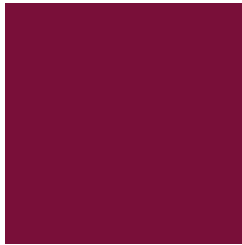
43.0750, 58.4500, 42.0500



86.7480, 118.0920, 84.5240

Previews

White Background



This preview shows how the YIQ color 51.4820, 49.6940, 35.5340 looks on a white background.

Color Contrast Check

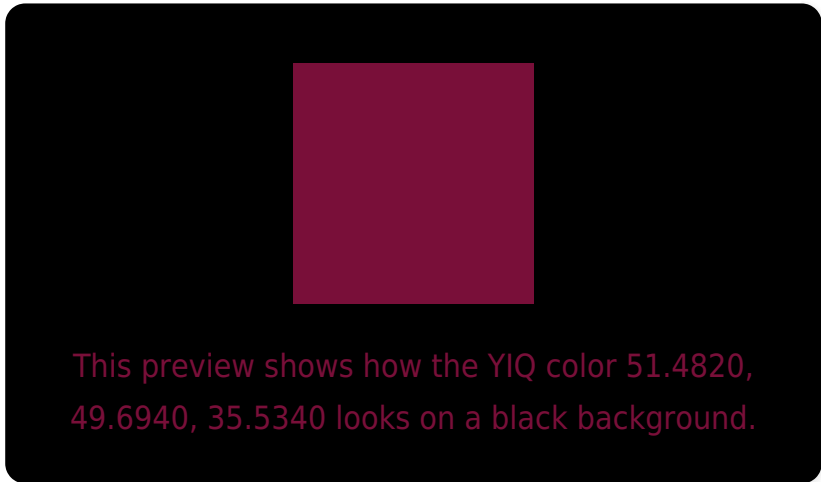
Large Text (above 18pt) WCAG AA ✓ Pass

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

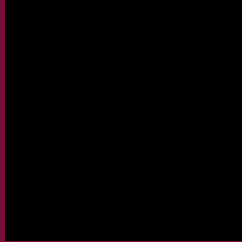
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.4820, 49.6940, 35.5340

Background



This preview shows how black text looks on a background with the YIQ color 51.4820, 49.6940, 35.5340.



This preview shows how white text looks on a background with the YIQ color 51.4820, 49.6940,

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

51.4820, 49.6940, 35.5340

Protanopia

63.8560, -8.1620, 4.7500

Deuteranopia

63.8610, 10.6370, -0.0430



Tritanopia

54.1060, 56.0240, 19.9280

Trichromacy



Original Color

51.4820, 49.6940, 35.5340

Protanomaly

59.7280, 13.1100, 15.7180

Deuteranomaly

59.1930, 24.8020, 13.0740

Tritanomaly

53.0120, 53.5930, 25.4410

Monochromacy



Original Color

51.4820, 49.6940, 35.5340

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.0720, 17.8330, 12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.4820, 49.6940, 35.5340 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(121, 15, 57)` looks like.

```
.text, #text, p{  
    color:rgb(121, 15, 57)  
}
```

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(121, 15, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 15, 57) }
```

Border

The CSS property to change the border of an element to YIQ 51.4820, 49.6940, 35.5340 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(121, 15, 57) }
```


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

```
.border{ border-color:rgb(121, 15, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 15, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 15, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 15, 57);  
box-shadow:4px 4px 4px 4px rgb(121, 15,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 51.4820, 49.6940, 35.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 15, 57) }
```

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

```
.background{ background-color: rgb(121, 15,  
57) }
```

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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