

Converting Colors

YIQ(77.3940, 3.5680, 45.4880)

Have a look what the booklet for
YIQ(77.3940, 3.5680, 45.4880)
contains.

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Color

**YIQ(77.3940, 3.5680,
45.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2F97
RGB	109, 47, 151
RGB Percent	43%, 18%, 59%
CMY	0.5723, 0.8158, 0.4079
CMYK	0.28, 0.69, 0.00, 0.41
HSL	276°, 53%, 39%
HSV	276°, 69%, 59%
XYZ	12.9134, 7.5194, 30.0417
YIQ	77.3940, 3.5680, 45.4880

Conversions

Conversions Part 2

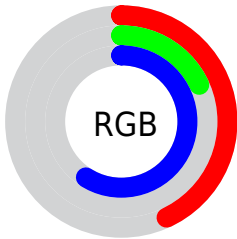
Format	Color
R_{YB}	109, 47, 151
Decimal	7155607
CIE _{Lab}	32.96, 46.00, -45.79
CIE _{LCh}	33, 64.904, 315.135
Yxy	7.5194, 0.2558, 0.1490
Android (android.graphics.Color)	4285345687 (0xFF6D2F97)
YUV	77.3940, 36.2878, 27.7185
Hunter-Lab	27.4216, 36.0714, -45.7601

Details

The YIQ color **77.3940, 3.5680, 45.4880** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.6060, -3.5680, -45.4880**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.0460, 4.6680, 47.5800**, and **28.0300, 1.5970, 42.6610** is the 20% darker color. If you saturate the color by 10%, you get **66.7950, 4.1170, 52.0610**, and if you desaturate by 10%, it is **87.9930, 3.0190, 38.9150**.

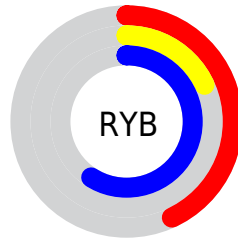
Distribution



Red (43%)

Green (18%)

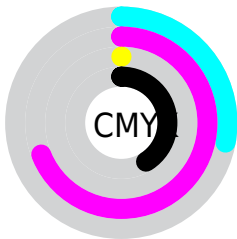
Blue (59%)



Red (43%)

Yellow (18%)

Blue (59%)

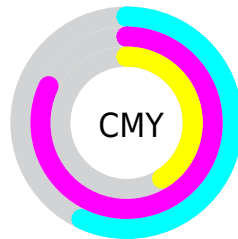


Cyan (28%)

Magenta (69%)

Yellow (0%)

Black (41%)



Cyan (57%)

Magenta (82%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3940, 3.5680, 45.4880 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 77.3940, 3.5680, 45.4880 by changing the saturation by 10% instead.

77.3940, 3.5680,
45.4880

77.3940, 3.5680,
45.4880

255.0000, -0.0000,
-0.0000

50.5080, 3.2470,
45.7990

130.0460, 4.6680,
47.5800

28.0300, 1.5970,
42.6610

156.8720, 5.2180,
48.6260

17.8190, -5.5990,
29.8970

183.1990, 8.6110,
47.7070

5.8140, -16.3710,
15.8610

208.3060, 18.1950,
39.2110

4.4800, -9.8590,
7.9730

226.2370, 13.4750,
25.6270

0.0000, 0.0000,
0.0000

243.2600, 5.5000,

10.4600

■ 77.3940, 3.5680,
45.4880

■ 77.3940, 3.5680,
45.4880

■ 66.7950, 4.1170,
52.0610

■ 87.9930, 3.0190,
38.9150

■ 56.1960, 4.6660,
58.6340

■ 98.5920, 2.4700,
32.3420

■ 45.5970, 5.2150,
65.2070

■ 109.1910, 1.9210,
25.7690

■ 44.1240, 5.1690,
66.0410

■ 119.7900, 1.3720,
19.1960

■ 130.3890, 0.8230,
12.6230

■ 141.8740, 0.5950,
5.7390

■ 152.4730, 0.0460,
-0.8340

■ 163.0720, -0.5030,
-7.4070

■ 173.6710, -1.0520,
-13.9800

Harmonies

Analogous

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



64.9040, -78.0380, 15.6100



77.3940, 3.5680, 45.4880



57.7170, 57.4830, 65.0910

Triad

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



77.3940, 3.5680, 45.4880



73.4260, 50.9860, -9.9260



69.2680, -60.0130, -19.2210

Complementary

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



77.3940, 3.5680, 45.4880



120.6060, -3.5680, -45.4880

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.



62.5250, -42.4040, -35.4920



77.3940, 3.5680, 45.4880



70.2490, 20.0870, -28.1450

Square

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



77.3940, 3.5680, 45.4880



64.7970, 78.5830, 13.0710



54.5910, -25.5750, -48.6390



74.0390, -74.8250, -4.0810

Rectangle

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



77.3940, 3.5680, 45.4880



56.8310, 74.3570, 56.6370



54.5910, -25.5750, -48.6390



67.2160, -54.2350, -24.8190

Sweetspot

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



77.3940, 3.5680, 45.4880



167.1490, 1.7390, 18.0510



84.0970, -45.2090, 9.8550



81.9220, 0.6400, 10.4320



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.



77.3940, 3.5680, 45.4880



80.8840, 6.0850, 71.4690



88.9260, 31.4890, 51.5930



71.1080, -0.1840, 3.3360



41.0760, 5.1240, 61.3480



3.8740, 0.5950, 5.7390

Inverse Universe

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



82.8840, 48.5020, 35.1100



89.2610, 75.9620, 55.0820



109.0740, -31.4890, -51.5930



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 77.3940, 3.5680, 45.4880 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



This preview shows how the YIQ color 77.3940, 3.5680, 45.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

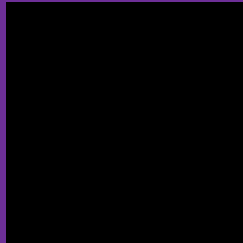
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.3940, 3.5680, 45.4880

Background



This preview shows how black text looks on a background with the YIQ color 77.3940, 3.5680, 45.4880.



This preview shows how white text looks on a background with the YIQ color 77.3940, 3.5680,

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

77.3940, 3.5680, 45.4880

Protanopia

62.2650, -71.9850, 10.5350

Deuteranopia

62.9200, -66.9400, 1.7000



Tritanopia

79.1590, 12.9740, 7.1660

Trichromacy



Original Color

77.3940, 3.5680, 45.4880

Protanomaly

68.0130, -44.4320, 23.3120

Deuteranomaly

68.2920, -41.0840, 17.7000

Tritanomaly

78.4490, 9.7620, 21.3300

Monochromacy



Original Color

77.3940, 3.5680, 45.4880

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2090, 1.5100, 16.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3940, 3.5680, 45.4880 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(109, 47, 151)` looks like.

```
.text, #text, p{  
    color:rgb(109, 47, 151)  
}
```

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(109, 47, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 47, 151) }
```

Border

The CSS property to change the border of an element to YIQ 77.3940, 3.5680, 45.4880 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(109, 47, 151) }
```


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

```
.border{ border-color:rgb(109, 47, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 47, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 47, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 47, 151);  
box-shadow:4px 4px 4px 4px rgb(109, 47,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3940, 3.5680, 45.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 47, 151) }
```

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

```
.background{ background-color: rgb(109, 47,  
151) }
```

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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