

Converting Colors

YIQ(67.9380, 12.8790, 25.4150)

Have a look what the booklet for
YIQ(67.9380, 12.8790, 25.4150)
contains.

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Color

**YIQ(67.9380, 12.8790,
25.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	603061
RGB	96, 48, 97
RGB Percent	38%, 19%, 38%
CMY	0.6234, 0.8118, 0.6196
CMYK	0.01, 0.51, 0.00, 0.62
HSL	299°, 34%, 28%
HSV	299°, 51%, 38%
XYZ	8.0417, 5.4642, 11.9409
YIQ	67.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

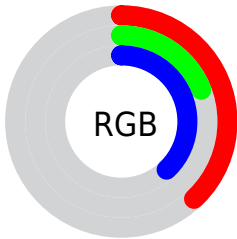
Format	Color
R_{YB}	96, 48, 97
Decimal	6303841
CIE _{Lab}	28.02, 29.77, -19.84
CIE _{LCh}	28, 35.773, 326.320
Y _{xy}	5.4642, 0.3160, 0.2147
Android (android.graphics.Color)	4284493921 (0xFF603061)
YUV	67.9380, 14.3276, 24.6104
Hunter-Lab	23.3756, 20.5005, -13.9241




Details

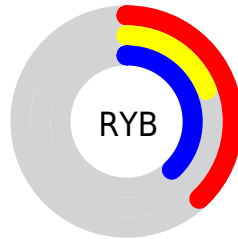
The YIQ color $67.9380, 12.8790, 25.4150$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $77.0620, -12.8790, -25.4150$, and the grayscale version is $68.0000, -0.0000, 0.0000$.




A 20% lighter version of the original color is $117.4760, 14.3000, 27.1960$, and $21.2260, 12.0080, 24.6800$ is the 20% darker color. If you saturate the color by 10%, you get $62.0680, 15.6290, 30.6450$, and if you desaturate by 10%, it is $73.8080, 10.1290, 20.1850$.

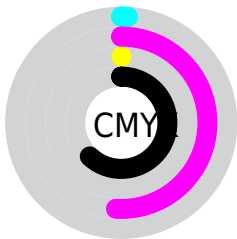
Distribution







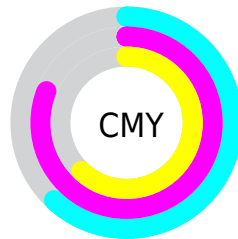
-  Red (38%)
-  Green (19%)
-  Blue (38%)






-  Red (38%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (1%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (81%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.9380, 12.8790, 25.4150 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 67.9380, 12.8790, 25.4150 by changing the saturation by 10% instead.

67.9380, 12.8790,
25.4150

67.9380, 12.8790,
25.4150

255.0000, -0.0000,
-0.0000

44.2260, 12.0080,
24.6800

117.4760, 14.3000,
27.1960

21.2260, 12.0080,
24.6800

143.3020, 14.8500,
28.2420

11.3790, 6.7830,
14.7430

170.6010, 15.4460,
28.4540

0.0000, 0.0000,
0.0000

198.0140, 15.7210,
28.9770

223.8890, 14.5750,
27.7190

240.9120, 6.6000,

12.5520

■ 67.9380, 12.8790,
25.4150

■ 67.9380, 12.8790,
25.4150

■ 62.0680, 15.6290,
30.6450

■ 73.8080, 10.1290,
20.1850

■ 56.7850, 18.1040,
35.3520

■ 79.0910, 7.6540,
15.4780

■ 50.6160, 20.2580,
40.3700

■ 85.2600, 5.5000,
10.4600

■ 44.7460, 23.0080,
45.6000

■ 91.1300, 2.7500,
5.2300

■ 39.4630, 25.4830,
50.3070

■ 96.4130, 0.2750,
0.5230

■ 102.2830, -2.4750,
-4.7070

■ 108.1530, -5.2250,
-9.9370

■ 114.3220, -7.3790,
-14.9550

■ 119.6050, -9.8540,
-19.6620

Harmonies

Analogous

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



66.3840, -17.9760, 17.4160



67.9380, 12.8790, 25.4150



65.3610, 33.5570, 25.1170

Triad

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



67.9380, 12.8790, 25.4150



62.8410, 30.5840, -14.6320



56.6330, -50.6150, -13.3270

Complementary

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



67.9380, 12.8790, 25.4150



77.0620, -12.8790, -25.4150

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.



53.4410, -41.6270, -22.0350



67.9380, 12.8790, 25.4150



60.2620, 10.0450, -22.3630

Square

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



67.9380, 12.8790, 25.4150



64.1880, 40.3930, 0.3370



53.5600, -23.1490, -26.5170



57.3800, -56.8520, -4.9160

Rectangle

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



67.9380, 12.8790, 25.4150



64.0920, 41.4440, 19.8440



53.5600, -23.1490, -26.5170



55.6070, -47.7260, -16.1260

Sweetspot

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



67.9380, 12.8790, 25.4150



113.8470, 5.2250, 9.9370



54.7600, -16.2790, 14.1930



56.9560, 3.3000, 6.2760



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



67.9380, 12.8790, 25.4150



79.7900, 19.7080, 39.3240



65.6150, 20.8580, 18.4740



45.6520, 1.1000, 2.0920



45.6580, 29.6080, 58.1520



97.6250, 63.0200, 124.4600

Inverse Universe

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



62.7650, 28.8830, 10.6990



71.8380, 44.9750, 16.4230



79.3850, -20.8580, -18.4740



45.1960, 2.3840, 0.8480



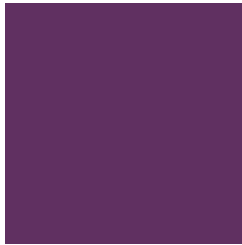
33.7160, 66.1100, 24.3660



72.3300, 141.4350, 52.4350

Previews

White Background



This preview shows how the YIQ color 67.9380, 12.8790, 25.4150 looks on a white background.

Color Contrast Check

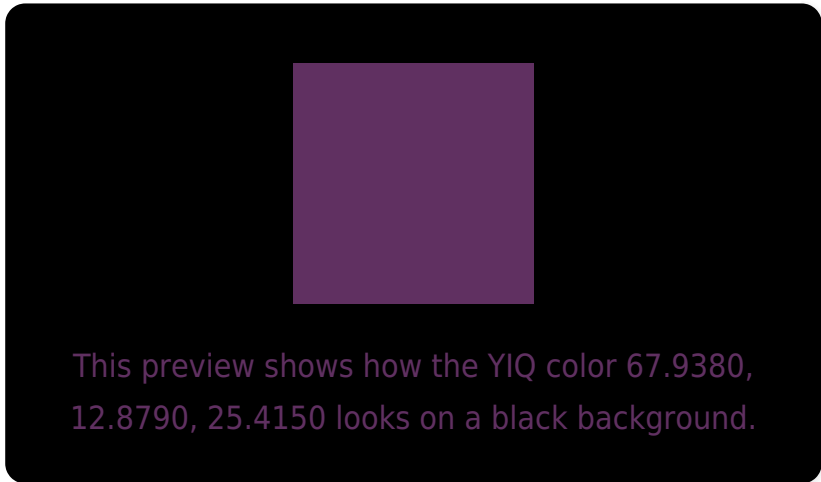
Large Text (above 18pt) WCAG AA ✓ Pass

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

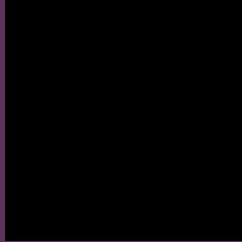
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.9380, 12.8790, 25.4150

Background



This preview shows how black text looks on a background with the YIQ color 67.9380, 12.8790, 25.4150.



This preview shows how white text looks on a background with the YIQ color 67.9380, 12.8790,

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

67.9380, 12.8790, 25.4150

Protanopia

64.9760, -25.8150, 10.8010

Deuteranopia

66.5010, -14.3520, 6.8000



Tritanopia

67.9210, 19.5760, 8.6640

Trichromacy



Original Color

67.9380, 12.8790, 25.4150

Protanomaly

66.2660, -11.8320, 16.2000

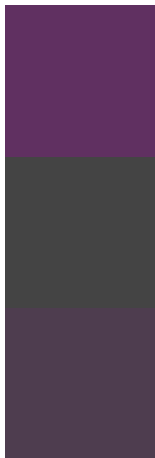
Deuteranomaly

66.6920, -4.4040, 13.7400

Tritanomaly

67.9410, 16.8240, 14.4880

Monochromacy



Original Color

67.9380, 12.8790, 25.4150

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.1350, 4.3540, 9.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.9380, 12.8790, 25.4150 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(96, 48, 97)` looks like.

```
.text, #text, p{  
    color:rgb(96, 48, 97)  
}
```

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(96, 48, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 48, 97) }
```

Border

The CSS property to change the border of an element to YIQ 67.9380, 12.8790, 25.4150 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(96, 48, 97) }
```


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

```
.border{ border-color:rgb(96, 48, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 48, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 48, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 48, 97);  
box-shadow:4px 4px 4px 4px rgb(96, 48, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.9380, 12.8790, 25.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 48, 97) }
```

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

```
.background{ background-color: rgb(96, 48,  
97) }
```

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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