

Converting Colors

YIQ(77.6800, 13.0650, 11.0250)

Have a look what the booklet for
YIQ(77.6800, 13.0650, 11.0250)
contains.

YIQ(77.6800, 13.0650, 11.0250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(77.6800, 13.0650,
11.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	614352
RGB	97, 67, 82
RGB Percent	38%, 26%, 32%
CMY	0.6195, 0.7373, 0.6784
CMYK	0.00, 0.31, 0.15, 0.62
HSL	330°, 18%, 32%
HSV	330°, 31%, 38%
XYZ	8.4617, 7.1647, 8.9216
YIQ	77.6800, 13.0650, 11.0250

Conversions

Conversions Part 2

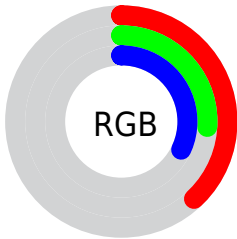
Format	Color
R_{YB}	97, 67, 82
Decimal	6374226
CIE Lab	32.18, 15.59, -3.80
CIE LCh	32, 16.049, 346.301
Yxy	7.1647, 0.3447, 0.2919
Android (android.graphics.Color)	4284564306 (0xFF614352)
YUV	77.6800, 2.1298, 16.9436
Hunter-Lab	26.7669, 9.5865, -1.0250




Details

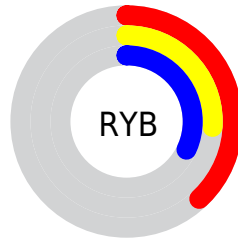
The YIQ color **77.6800, 13.0650, 11.0250** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.3200, -13.0650, -11.0250**, and the grayscale version is **78.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **126.6910, 14.5320, 11.9720**, and **32.6690, 11.5980, 10.0780** is the 20% darker color. If you saturate the color by 10%, you get **71.2400, 17.4200, 14.7000**, and if you desaturate by 10%, it is **84.1200, 8.7100, 7.3500**.

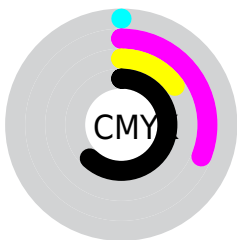
Distribution







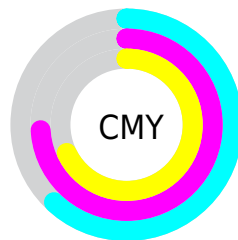
-  Red (38%)
-  Green (26%)
-  Blue (32%)






-  Red (38%)
-  Yellow (26%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (15%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (74%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.6800, 13.0650, 11.0250 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 77.6800, 13.0650, 11.0250 by changing the saturation by 10% instead.

■ 77.6800, 13.0650,
11.0250

■ 77.6800, 13.0650,
11.0250

■ 255.0000, -0.0000,
-0.0000

■ 54.3810, 12.4690,
10.8130

■ 126.6910, 14.5320,
11.9720

■ 32.6690, 11.5980,
10.0780

■ 152.9900, 15.1280,
12.1840

■ 11.2070, 13.0190,
11.8590

■ 179.7020, 15.9990,
12.9190

■ 0.0000, 0.0000,
0.0000

■ 207.7020, 15.9990,
12.9190

■ 234.5060, 13.6150,
12.0710

■ 252.6520, 1.1000,

2.0920

■ 77.6800, 13.0650,
11.0250

■ 77.6800, 13.0650,
11.0250

■ 71.2400, 17.4200,
14.7000

■ 84.1200, 8.7100,
7.3500

■ 65.3870, 21.5000,
17.8520

■ 89.9730, 4.6300,
4.1980

■ 58.9470, 25.8550,
21.5270

■ 96.4130, 0.2750,
0.5230

■ 52.6210, 29.8890,
25.5130

■ 102.7390, -3.7590,
-3.4630

■ 46.1810, 34.2440,
29.1880

■ 109.1790, -8.1140,
-7.1380

■ 40.3280, 38.3240,
32.3400

■ 115.0320,
-12.1940, -10.2900

■ 34.5890, 42.0830,
35.8030

■ 121.4720,
-16.5490, -13.9650

■ 127.9120,
-20.9040, -17.6400

■ 133.7650,
-24.9840, -20.7920

Harmonies

Analogous

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



77.4060, 2.1530, 10.5450



77.6800, 13.0650, 11.0250



77.3940, 19.6220, 7.8300

Triad

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



77.6800, 13.0650, 11.0250



74.3350, 8.9420, -7.8740



69.5110, -29.4800, -5.3840

Complementary

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



77.6800, 13.0650, 11.0250



86.3200, -13.0650, -11.0250

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.



69.4310, -26.4990, -9.8510



77.6800, 13.0650, 11.0250



72.4090, -3.0700, -10.4460

Square

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



77.6800, 13.0650, 11.0250



75.5750, 17.1940, -3.2380



70.6510, -15.4950, -11.0390



73.0220, -23.4290, 0.5950

Rectangle

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



77.6800, 13.0650, 11.0250



76.7700, 21.3190, 4.6070



70.6510, -15.4950, -11.0390



69.1580, -29.9840, -7.2640

Sweetspot

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



77.6800, 13.0650, 11.0250



117.8590, 4.9510, 3.8870



74.9050, -0.6900, 12.5100



59.4350, 3.2090, 2.4170



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.



77.6800, 13.0650, 11.0250



95.3760, 20.0330, 16.9050



75.9700, 17.8800, 6.3600



45.4240, 1.7420, 1.4700



39.8720, 48.7760, 41.1600



85.4400, 104.5200, 88.2000

Inverse Universe

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



77.6800, 13.0650, 11.0250



95.3760, 20.0330, 16.9050



88.0300, -17.8800, -6.3600



45.4240, 1.7420, 1.4700



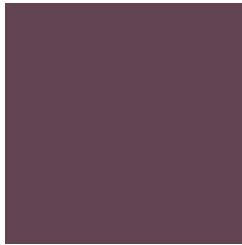
39.8720, 48.7760, 41.1600



85.4400, 104.5200, 88.2000

Previews

White Background



This preview shows how the YIQ color 77.6800, 13.0650, 11.0250 looks on a white background.

Color Contrast Check

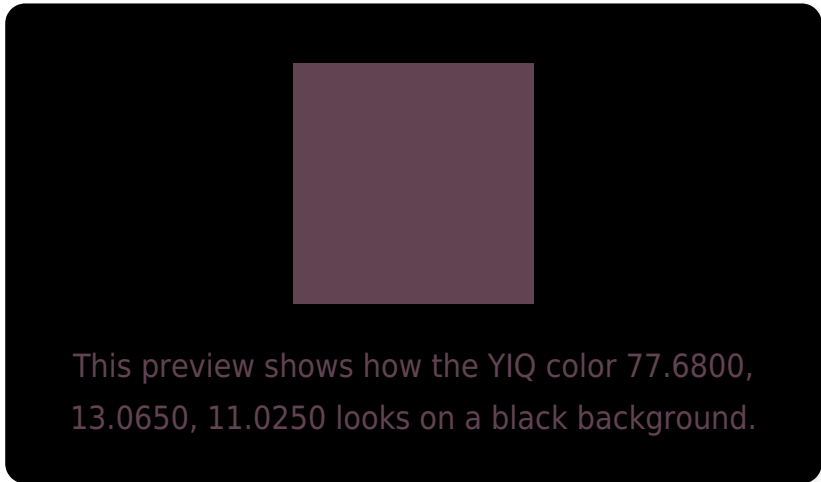
Large Text (above 18pt) WCAG AA ✓ Pass

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

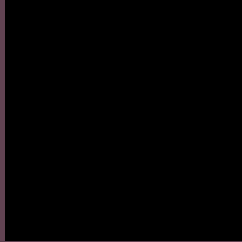
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.6800, 13.0650, 11.0250

Background



This preview shows how black text looks on a background with the YIQ color 77.6800, 13.0650, 11.0250.



This preview shows how white text looks on a background with the YIQ color 77.6800, 13.0650,

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

77.6800, 13.0650, 11.0250

Protanopia

76.0690, -4.4480, 3.5200

Deuteranopia

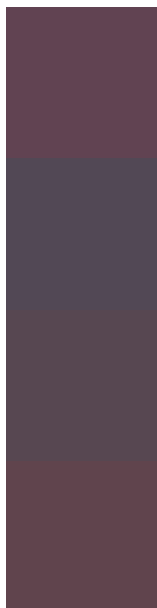
76.8910, 1.9250, 3.6610



Tritanopia

77.0560, 14.7620, 7.8020

Trichromacy



Original Color

77.6800, 13.0650, 11.0250

Protanomaly

76.4720, 1.7870, 6.1630

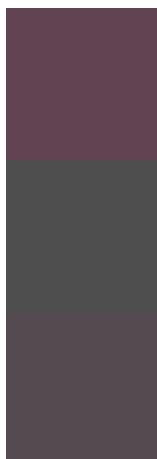
Deuteranomaly

76.9240, 6.3260, 6.5020

Tritanomaly

77.3980, 13.7990, 8.7350

Monochromacy



Original Color

77.6800, 13.0650, 11.0250

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6800, 13.0650, 11.0250 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(97, 67, 82)` looks like.

```
.text, #text, p{  
    color:rgb(97, 67, 82)  
}
```

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(97, 67, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 67, 82) }
```

Border

The CSS property to change the border of an element to YIQ 77.6800, 13.0650, 11.0250 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(97, 67, 82) }
```


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

```
.border{ border-color:rgb(97, 67, 82) }
```

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

Here you see how a box with a 4 pixel rgb(97, 67, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 67, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 67, 82);  
box-shadow:4px 4px 4px 4px rgb(97, 67, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.6800, 13.0650, 11.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 67, 82) }
```

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

```
.background{ background-color: rgb(97, 67,  
82) }
```

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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