

Converting Colors

YIQ(38.6750, 46.9920, 18.4160)

Have a look what the booklet for
YIQ(38.6750, 46.9920, 18.4160)
contains.

YIQ(38.6750, 46.9920, 18.4160)	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(38.6750, 46.9920,
18.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	5F0E12
RGB	95, 14, 18
RGB Percent	37%, 5%, 7%
CMY	0.6273, 0.9452, 0.9292
CMYK	0.00, 0.85, 0.81, 0.63
HSL	357°, 74%, 21%
HSV	357°, 85%, 37%
XYZ	4.9906, 2.7926, 0.8503
YIQ	38.6750, 46.9920, 18.4160

Conversions

Conversions Part 2

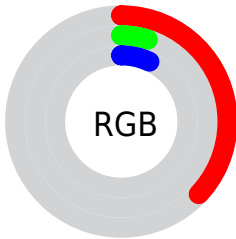
Format	Color
R _Y B	95, 14, 18
Decimal	6229522
CIE Lab	19.19, 35.54, 20.93
CIE LCh	19, 41.241, 30.498
Yxy	2.7926, 0.5781, 0.3235
Android (android.graphics.Color)	4284419602 (0xFF5F0E12)
YUV	38.6750, -10.1928, 49.3970
Hunter-Lab	16.7109, 24.0640, 8.6810

Details

The YIQ color **38.6750, 46.9920, 18.4160** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **70.3250, -46.9920, -18.4160**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.7310, 52.5860, 16.1540**, and **13.2700, 25.9030, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **31.7790, 52.6310, 20.8470**, and if you desaturate by 10%, it is **44.9840, 41.6280, 16.5080**.

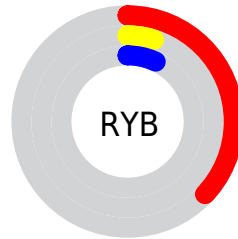
Distribution



Red (37%)

Green (5%)

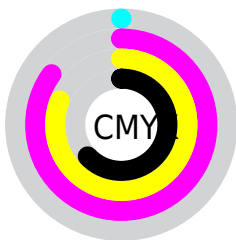
Blue (7%)



Red (37%)

Yellow (5%)

Blue (7%)

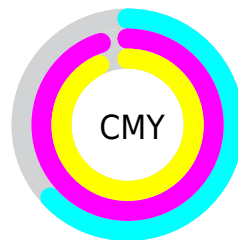


Cyan (0%)

Magenta (85%)

Yellow (81%)

Black (63%)



Cyan (63%)


Magenta (95%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 38.6750, 46.9920, 18.4160 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 38.6750, 46.9920, 18.4160 by changing the saturation by 10% instead.


 38.6750, 46.9920,
18.4160

 38.6750, 46.9920,
18.4160

 253.5180, 4.1730,
-4.0430


 20.3320, 40.5280,
14.4160


 90.7310, 52.5860,
16.1540


 13.2700, 25.9030,
9.6390

 116.6990, 55.6120,
16.3800

 0.0000, 0.0000,
0.0000


 142.8950, 57.9960,
17.2280


 170.5640, 60.4260,
17.2420


 194.1610, 54.1910,
14.5990


 213.0880, 38.0990,


8.8750


 233.3030, 21.1360,
2.4160


 38.6750, 46.9920,
18.4160


 38.6750, 46.9920,
18.4160


 31.7790, 52.6310,
20.8470


 44.9840, 41.6280,
16.5080

 28.9750, 55.0150,
21.6950

 51.8800, 35.9890,
14.0770

 58.1890, 30.6250,
12.1690

 65.0850, 24.9860,
9.7380

 71.3940, 19.6220,
7.8300

■ 78.2900, 13.9830,
5.3990

■ 85.1860, 8.3440,
2.9680

■ 91.4950, 2.9800,
1.0600

■ 98.3910, -2.6590,
-1.3710

Harmonies

Analogous

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



35.5350, 42.1750, 34.1350



38.6750, 46.9920, 18.4160



43.5900, 39.2010, -0.0870

Triad

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



38.6750, 46.9920, 18.4160



35.0550, -20.1690, -25.4570



41.5480, -48.0970, 7.1270

Complementary

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



38.6750, 46.9920, 18.4160



70.3250, -46.9920, -18.4160

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.



44.7450, -47.4540, 0.9780



38.6750, 46.9920, 18.4160



39.8770, -30.9910, -16.5510

Square

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



38.6750, 46.9920, 18.4160



39.7820, 2.7090, -21.5710



43.2970, -40.6210, -7.2210



46.1500, -17.1970, 19.8190

Rectangle

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



38.6750, 46.9920, 18.4160



44.3880, 27.7860, -7.9740



43.2970, -40.6210, -7.2210



43.1950, -48.6010, 5.2470

Sweetspot

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



38.6750, 46.9920, 18.4160



100.3830, 18.1550, 6.8830



45.9580, 19.2950, 41.3030



47.7950, 11.0030, 4.3390



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



38.6750, 46.9920, 18.4160



37.1620, 70.7860, 27.7300



58.7640, 38.6510, -1.1330



45.1960, 2.3840, 0.8480



34.1720, 64.8260, 25.6100



73.1280, 139.1880, 54.6120

Inverse Universe

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



38.6750, 46.9920, 18.4160



37.1620, 70.7860, 27.7300



50.2360, -38.6510, 1.1330



45.1960, 2.3840, 0.8480



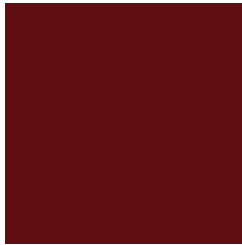
34.1720, 64.8260, 25.6100



73.1280, 139.1880, 54.6120

Previews

White Background



This preview shows how the YIQ color 38.6750, 46.9920, 18.4160 looks on a white background.

Color Contrast Check

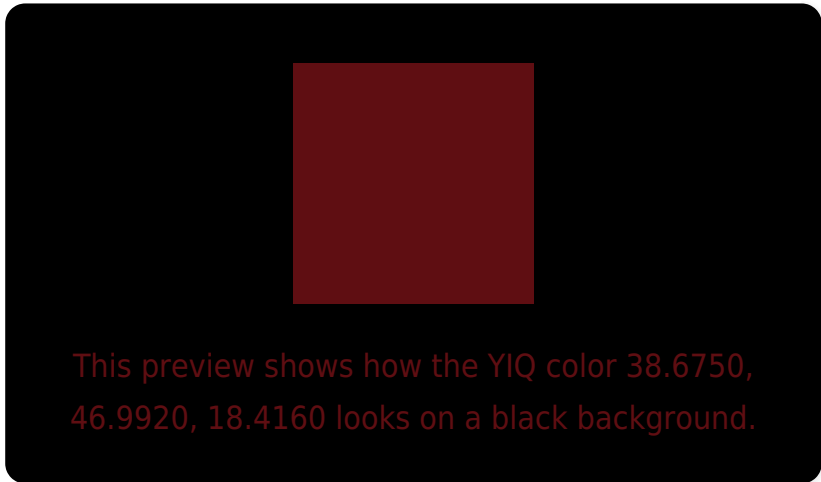
Large Text (above 18pt) WCAG AA ✓ Pass

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

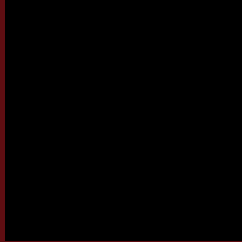
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.6750, 46.9920, 18.4160

Background



This preview shows how black text looks on a background with the YIQ color 38.6750, 46.9920, 18.4160.

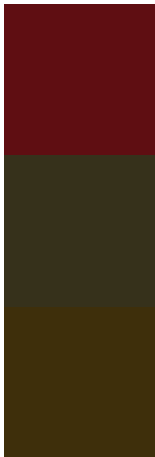


This preview shows how white text looks on a background with the YIQ color 38.6750, 46.9920,

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

38.6750, 46.9920, 18.4160

Protanopia

47.9870, 10.0420, -5.7820

Deuteranopia

47.3810, 20.4960, -8.0160



Tritanopia

38.8060, 48.0010, 16.6490

Trichromacy



Original Color

38.6750, 46.9920, 18.4160

Protanomaly

44.4990, 23.5200, 3.2640

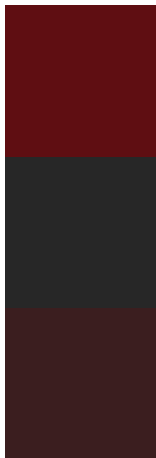
Deuteranomaly

44.2670, 29.9850, 1.7370

Tritanomaly

38.9200, 47.6800, 16.9600

Monochromacy



Original Color

38.6750, 46.9920, 18.4160

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.7850, 16.9630, 6.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.6750, 46.9920, 18.4160 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(95, 14, 18)` looks like.

```
.text, #text, p{  
    color:rgb(95, 14, 18)  
}
```

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(95, 14, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 14, 18) }
```

Border

The CSS property to change the border of an element to YIQ 38.6750, 46.9920, 18.4160 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(95, 14, 18) }
```


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

```
.border{ border-color:rgb(95, 14, 18) }
```

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

Here you see how a box with a 4 pixel rgb(95, 14, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 14, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 14, 18);  
box-shadow:4px 4px 4px 4px rgb(95, 14, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.6750, 46.9920, 18.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 14, 18) }
```

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

```
.background{ background-color: rgb(95, 14,  
18) }
```

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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