

Converting Colors

YIQ(61.4510, 69.3150, 48.8910)

Have a look what the booklet for
YIQ(61.4510, 69.3150, 48.8910)
contains.

YIQ(61.4510, 69.3150, 48.8910)	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(61.4510, 69.3150,
48.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0B44
RGB	158, 11, 68
RGB Percent	62%, 4%, 27%
CMY	0.3800, 0.9570, 0.7331
CMYK	0.00, 0.93, 0.57, 0.38
HSL	337°, 87%, 33%
HSV	337°, 93%, 62%
XYZ	15.2840, 7.9351, 6.2043
YIQ	61.4510, 69.3150, 48.8910

Conversions

Conversions Part 2

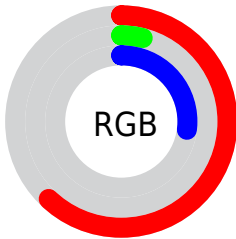
Format	Color
R_{YB}	158, 11, 68
Decimal	10357572
CIE Lab	33.85, 57.04, 8.98
CIE LCh	34, 57.740, 8.949
Yxy	7.9351, 0.5195, 0.2697
Android (android.graphics.Color)	4288547652 (0xFF9E0B44)
YUV	61.4510, 3.2287, 84.6735
Hunter-Lab	28.1693, 47.5541, 6.6598

Details

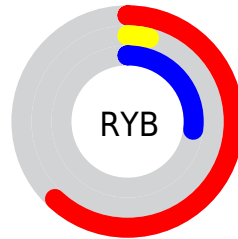
The YIQ color **61.4510, 69.3150, 48.8910** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **107.5490, -69.3150, -48.8910**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **124.7790, 70.9670, 40.9750**, and **32.8640, 51.2540, 29.2860** is the 20% darker color. If you saturate the color by 10%, you get **54.1960, 74.5870, 52.4670**, and if you desaturate by 10%, it is **71.9830, 61.7050, 43.6330**.

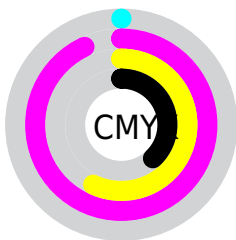
Distribution



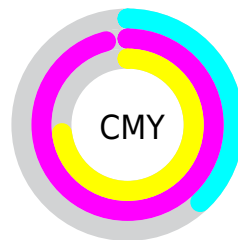
- Red (62%)
- Green (4%)
- Blue (27%)



- Red (62%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.4510, 69.3150, 48.8910 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 61.4510, 69.3150, 48.8910 by changing the saturation by 10% instead.

61.4510, 69.3150,
48.8910

61.4510, 69.3150,
48.8910

255.0000, -0.0000,
-0.0000

43.8150, 62.1180,
41.6540

124.7790, 70.9670,
40.9750

32.8640, 51.2540,
29.2860

153.3340, 73.7180,
40.6780

21.6420, 42.5910,
15.5750

174.6420, 60.9270,
35.7030

12.9710, 25.3070,
9.4270

194.1560, 44.5600,
29.4560

0.0000, 0.0000,
0.0000

214.3710, 27.5970,
22.9970

234.5860, 10.6340,

16.5380

252.0650, 1.3750,
2.6150

61.4510, 69.3150,
48.8910

61.4510, 69.3150,
48.8910

54.1960, 74.5870,
52.4670

71.9830, 61.7050,
43.6330

82.4010, 54.4160,
38.0640

92.3460, 47.0810,
33.3290

102.8780, 39.4710,
28.0710

113.2960, 32.1820,
22.5020

■ 123.8280, 24.5720,
17.2440

■ 134.3600, 16.9620,
11.9860

■ 144.1910, 9.9480,
6.9400

■ 154.7230, 2.3380,
1.6820

Harmonies

Analogous

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



73.3630, 40.3840, 50.0800



61.4510, 69.3150, 48.8910



70.0660, 70.6960, 18.3440

Triad

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



61.4510, 69.3150, 48.8910



63.2730, -6.8240, -41.5440



73.5150, -78.8610, 2.9870

Complementary

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



61.4510, 69.3150, 48.8910



107.5490, -69.3150, -48.8910

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.



73.1440, -70.9270, -8.6470



61.4510, 69.3150, 48.8910



61.9550, -40.7990, -37.0470

Square

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



61.4510, 69.3150, 48.8910



73.8480, 28.7060, -24.6540



68.7150, -57.0780, -22.8540



67.0410, -77.1660, 10.8180

Rectangle

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



61.4510, 69.3150, 48.8910



73.2260, 63.5930, -1.6150



68.7150, -57.0780, -22.8540



74.3640, -77.1180, -1.0700

Sweetspot

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



61.4510, 69.3150, 48.8910



168.8500, 27.5060, 19.1380



54.0700, 5.2610, 64.3730



81.3600, 16.9620, 11.9860



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



61.4510, 69.3150, 48.8910



71.0130, 97.6920, 68.7640



63.7580, 83.4870, 23.3190



73.7340, 3.8050, 2.6290



49.0270, 67.5730, 47.4210



5.1690, 7.0140, 5.0460

Inverse Universe

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



61.4510, 69.3150, 48.8910



71.0130, 97.6920, 68.7640



105.2420, -83.4870, -23.3190



73.7340, 3.8050, 2.6290



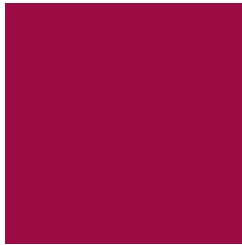
49.0270, 67.5730, 47.4210



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 61.4510, 69.3150, 48.8910 looks on a white background.

Color Contrast Check

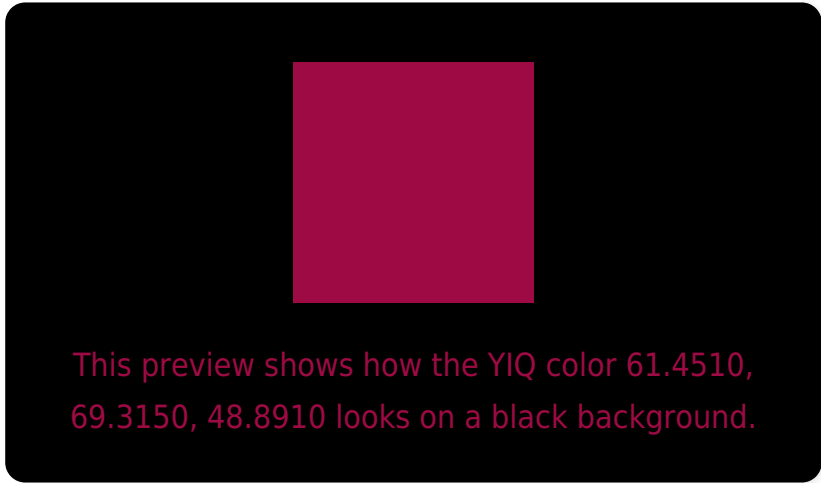
Large Text (above 18pt) WCAG AA ✓ Pass

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

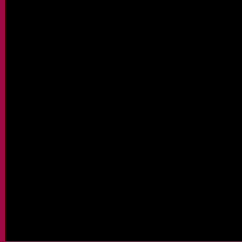
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.4510, 69.3150, 48.8910

Background



This preview shows how black text looks on a background with the YIQ color 61.4510, 69.3150, 48.8910.



This preview shows how white text looks on a background with the YIQ color 61.4510, 69.3150,

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

61.4510, 69.3150, 48.8910

Protanopia

82.0410, -7.2450, 4.6510

Deuteranopia

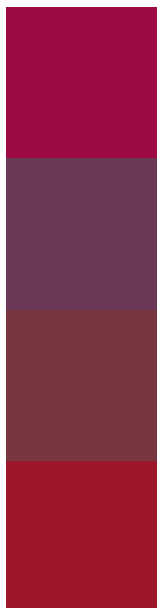
81.4440, 16.1850, -1.4710



Tritanopia

67.1580, 76.6090, 26.8250

Trichromacy



Original Color

61.4510, 69.3150, 48.8910

Protanomaly

74.7830, 20.4450, 20.4530

Deuteranomaly

74.5750, 35.5300, 16.8900

Tritanomaly

64.7590, 73.7190, 35.1510

Monochromacy



Original Color

61.4510, 69.3150, 48.8910

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.2410, 24.8470, 17.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.4510, 69.3150, 48.8910 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(158, 11, 68)` looks like.

```
.text, #text, p{  
    color:rgb(158, 11, 68)  
}
```

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(158, 11, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 11, 68) }
```

Border

The CSS property to change the border of an element to YIQ 61.4510, 69.3150, 48.8910 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(158, 11, 68) }
```


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

```
.border{ border-color:rgb(158, 11, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 11, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 11, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 11, 68);  
box-shadow:4px 4px 4px 4px rgb(158, 11,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 61.4510, 69.3150, 48.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 11, 68) }
```

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

```
.background{ background-color: rgb(158, 11,  
68) }
```

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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