

Converting Colors

YIQ(60.5470, 60.2370, 48.2130)

Have a look what the booklet for
YIQ(60.5470, 60.2370, 48.2130)
contains.

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Color

**YIQ(60.5470, 60.2370,
48.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	940D4C
RGB	148, 13, 76
RGB Percent	58%, 5%, 30%
CMY	0.4192, 0.9492, 0.7018
CMYK	0.00, 0.91, 0.49, 0.42
HSL	332°, 84%, 32%
HSV	332°, 91%, 58%
XYZ	13.6788, 7.1134, 7.4984
YIQ	60.5470, 60.2370, 48.2130

Conversions

Conversions Part 2

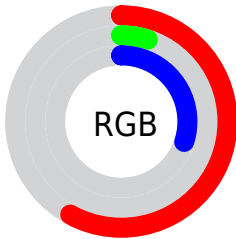
Format	Color
R_{YB}	148, 13, 76
Decimal	9702732
CIE Lab	32.06, 54.85, 0.89
CIE LCh	32, 54.860, 0.929
Yxy	7.1134, 0.4835, 0.2514
Android (android.graphics.Color)	4287892812 (0xFF940D4C)
YUV	60.5470, 7.6183, 76.6963
Hunter-Lab	26.6709, 44.8738, 2.0005

Details

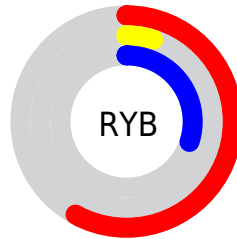
The YIQ color **60.5470, 60.2370, 48.2130** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.4530, -60.2370, -48.2130**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.9290, 61.7970, 41.9650**, and **30.8570, 43.9640, 29.2440** is the 20% darker color. If you saturate the color by 10%, you get **52.1180, 66.0590, 52.8350**, and if you desaturate by 10%, it is **70.2640, 53.5440, 42.8560**.

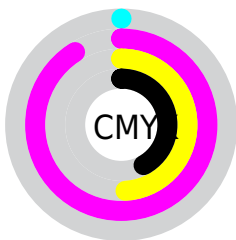
Distribution



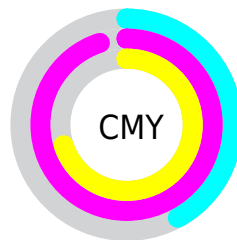
- Red (58%)
- Green (5%)
- Blue (30%)



- Red (58%)
- Yellow (5%)
- Blue (30%)



- Cyan (0%)
- Magenta (91%)
- Yellow (49%)
- Black (42%)





- Cyan (42%)
- Magenta (95%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 60.5470, 60.2370, 48.2130 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 60.5470, 60.2370, 48.2130 by changing the saturation by 10% instead.


 60.5470, 60.2370,
48.2130


 60.5470, 60.2370,
48.2130


255.0000, -0.0000,
-0.0000


 41.7370, 53.5900,
42.0220


 121.9290, 61.7970,
41.9650


 30.9710, 43.6430,
29.5550

 150.1850, 63.9520,
41.4560


 20.3470, 36.1720,
16.2680

 174.4940, 58.5880,
39.5480

 10.2800, 19.9430,
7.5190


 194.1220, 41.9000,
33.6120


 0.0000, 0.0000,
0.0000


 214.3370, 24.9370,
27.1530


 233.8680, 9.9000,


18.8280


 250.8910, 1.9250,
3.6610


 60.5470, 60.2370,
48.2130


 60.5470, 60.2370,
48.2130


 52.1180, 66.0590,
52.8350

 70.2640, 53.5440,
42.8560

 79.9810, 46.8510,
37.4990

 89.1110, 40.4330,
32.6650

 98.8280, 33.7400,
27.3080

 108.5450, 27.0470,
21.9510

■ 118.1480, 20.6750,
16.2830

■ 127.8650, 13.9820,
10.9260

■ 136.9950, 7.5640,
6.0920

■ 146.7120, 0.8710,
0.7350

Harmonies

Analogous

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



73.1440, 27.6390, 44.2710



60.5470, 60.2370, 48.2130



64.8410, 67.2560, 25.6240

Triad

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



60.5470, 60.2370, 48.2130



64.2470, 5.2330, -34.2790



70.0440, -73.2210, -0.1090

Complementary

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



60.5470, 60.2370, 48.2130



100.4530, -60.2370, -48.2130

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.



68.7440, -64.0490, -12.1530



60.5470, 60.2370, 48.2130



56.8370, -34.6550, -38.2630

Square

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



60.5470, 60.2370, 48.2130



70.9460, 34.4820, -19.1980



63.8420, -50.2460, -25.5260



66.1290, -74.5980, 8.3300

Rectangle

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



60.5470, 60.2370, 48.2130



68.2850, 65.1050, 4.0250



63.8420, -50.2460, -25.5260



70.1920, -70.8820, -3.9540

Sweetspot

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



60.5470, 60.2370, 48.2130



157.9850, 22.6920, 18.2760



49.3200, -1.6150, 56.8250



76.8650, 13.9820, 10.9260



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



60.5470, 60.2370, 48.2130



67.2550, 85.2670, 68.1710



54.5390, 79.9100, 27.5740



69.4350, 3.2090, 2.4170



48.5580, 61.7040, 49.1600



3.5600, 4.3550, 3.6750

Inverse Universe

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



60.5470, 60.2370, 48.2130



67.2550, 85.2670, 68.1710



106.4610, -79.9100, -27.5740



69.4350, 3.2090, 2.4170



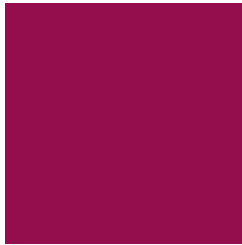
48.5580, 61.7040, 49.1600



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 60.5470, 60.2370, 48.2130 looks on a white background.

Color Contrast Check

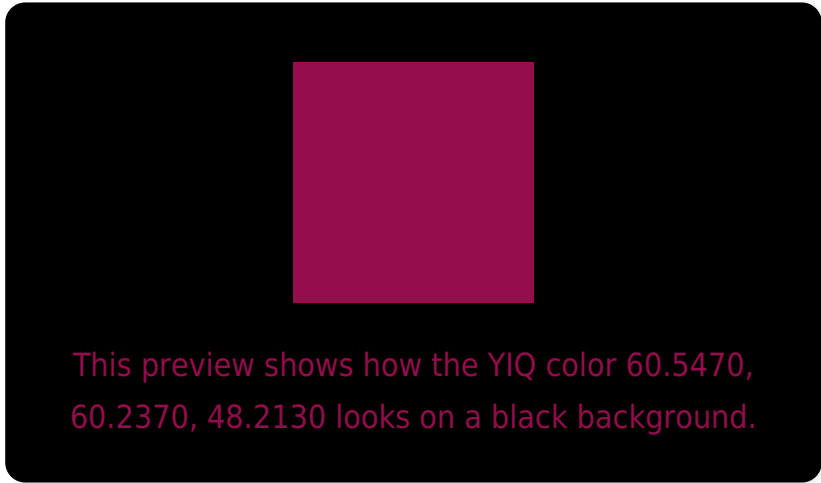
Large Text (above 18pt) WCAG AA ✓ Pass

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

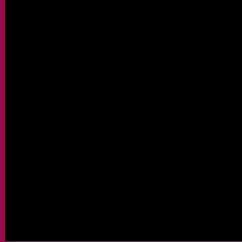
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.5470, 60.2370, 48.2130

Background



This preview shows how black text looks on a background with the YIQ color 60.5470, 60.2370, 48.2130.



This preview shows how white text looks on a background with the YIQ color 60.5470, 60.2370,

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

60.5470, 60.2370, 48.2130

Protanopia

77.9570, -15.6360, 8.0440

Deuteranopia

78.3170, 9.3530, 1.2010



Tritanopia

66.0860, 67.9440, 24.1680

Trichromacy



Original Color

60.5470, 60.2370, 48.2130

Protanomaly

71.7590, 11.8250, 22.4890

Deuteranomaly

71.6220, 28.1480, 18.5160

Tritanomaly

64.1000, 65.3290, 33.0170

Monochromacy



Original Color

60.5470, 60.2370, 48.2130

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.1590, 22.1420, 17.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.5470, 60.2370, 48.2130 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(148, 13, 76)` looks like.

```
.text, #text, p{  
    color:rgb(148, 13, 76)  
}
```

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(148, 13, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 13, 76) }
```

Border

The CSS property to change the border of an element to YIQ 60.5470, 60.2370, 48.2130 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(148, 13, 76) }
```


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

```
.border{ border-color:rgb(148, 13, 76) }
```

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

Here you see how a box with a 4 pixel rgb(148, 13, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 13, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 13, 76);  
box-shadow:4px 4px 4px 4px rgb(148, 13,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 60.5470, 60.2370, 48.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 13, 76) }
```

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

```
.background{ background-color: rgb(148, 13,  
76) }
```

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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