

Converting Colors

YIQ(62.6380, 48.4140, 14.6700)

Have a look what the booklet for
YIQ(62.6380, 48.4140, 14.6700)
contains.

YIQ(62.6380, 48.4140, 14.6700)	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(62.6380, 48.4140,
14.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	762822
RGB	118, 40, 34
RGB Percent	46%, 16%, 13%
CMY	0.5371, 0.8432, 0.8665
CMYK	0.00, 0.66, 0.71, 0.54
HSL	4°, 55%, 30%
HSV	4°, 71%, 46%
XYZ	8.5247, 5.4860, 2.1268
YIQ	62.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

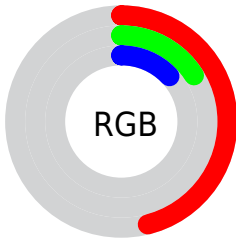
Format	Color
RYB	118, 40, 34
Decimal	7743522
CIELab	28.08, 33.83, 22.13
CIELCh	28, 40.423, 33.196
Yxy	5.4860, 0.5283, 0.3400
Android (android.graphics.Color)	4285933602 (0xFF762822)
YUV	62.6380, -14.1185, 48.5525
Hunter-Lab	23.4221, 23.9777, 11.0119

Details

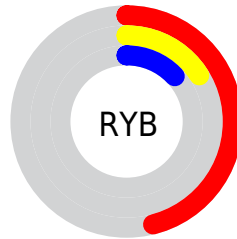
The YIQ color **62.6380, 48.4140, 14.6700** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.3620, -48.4140, -14.6700**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5740, 54.4660, 15.1220**, and **18.8370, 37.5480, 13.3560** is the 20% darker color. If you saturate the color by 10%, you get **54.8130, 55.2910, 16.6910**, and if you desaturate by 10%, it is **70.4630, 41.5370, 12.6490**.

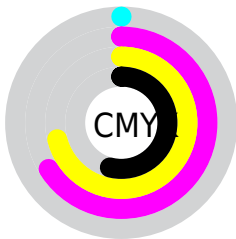
Distribution



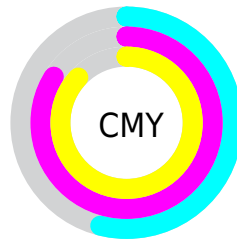
- Red (46%)
- Green (16%)
- Blue (13%)



- Red (46%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (71%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.6380, 48.4140, 14.6700 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 62.6380, 48.4140, 14.6700 by changing the saturation by 10% instead.

■ 62.6380, 48.4140,
14.6700

■ 62.6380, 48.4140,
14.6700

255.0000, -0.0000,
-0.0000

■ 36.6100, 45.6170,
15.8010

■ 113.5740, 54.4660,
15.1220

■ 18.8370, 37.5480,
13.3560

■ 140.2430, 56.8960,
15.1360

■ 11.7750, 22.9230,
8.5790

■ 167.3250, 59.6010,
15.6730

■ 0.0000, 0.0000,
0.0000

■ 192.4170, 56.3460,
14.0900

■ 211.9310, 39.9790,
7.8430

■ 231.4450, 23.6120,

1.5960

■ 251.7740, 6.3280,
-4.5520

■ 62.6380, 48.4140,
14.6700

■ 62.6380, 48.4140,
14.6700

■ 54.8130, 55.2910,
16.6910

■ 70.4630, 41.5370,
12.6490

■ 46.9880, 62.1680,
18.7120

■ 78.2880, 34.6600,
10.6280

■ 39.9780, 68.1280,
20.8320

■ 85.9990, 28.1040,
8.2960

■ 93.8240, 21.2270,
6.2750

■ 101.6490, 14.3500,
4.2540

■ 109.4740, 7.4730,
2.2330

■ 117.2990, 0.5960,
0.2120

■ 125.0100, -5.9600,
-2.1200

■ 132.8350,
-12.8370, -4.1410

Harmonies

Analogous

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



62.8460, 42.4970, 28.2970



62.6380, 48.4140, 14.6700



62.8800, 44.0160, -4.7520

Triad

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



62.6380, 48.4140, 14.6700



50.0040, -33.3270, -29.2870



55.2090, -60.3840, 4.0320

Complementary

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



62.6380, 48.4140, 14.6700



89.3620, -48.4140, -14.6700

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.



59.1070, -60.3370, -2.3290



62.6380, 48.4140, 14.6700



54.8260, -44.1490, -20.3810

Square

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



62.6380, 48.4140, 14.6700



57.7620, 5.4610, -27.3950



58.3600, -54.1000, -10.7400



67.3680, -11.8790, 22.5610

Rectangle

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



62.6380, 48.4140, 14.6700



62.4070, 34.8020, -13.9820



58.3600, -54.1000, -10.7400



56.8560, -60.8880, 2.1520

Sweetspot

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



62.6380, 48.4140, 14.6700



131.7420, 18.5220, 5.7380



68.0080, 25.0260, 42.0660



64.1540, 11.3700, 3.1940



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



62.6380, 48.4140, 14.6700



67.1530, 75.0050, 22.8530



87.2920, 36.8640, -7.2960



54.7940, 3.5760, 1.2720



41.7610, 70.2370, 21.1570



85.3160, 144.0500, 43.5860

Inverse Universe

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



89.3620, -48.4140, -14.6700



108.8470, -75.0050, -22.8530



64.7080, -36.8640, 7.2960



56.6190, -3.3010, -0.7490



80.8260, -70.5120, -21.6800



164.6840, -144.0500, -43.5860

Previews

White Background



This preview shows how the YIQ color 62.6380, 48.4140, 14.6700 looks on a white background.

Color Contrast Check

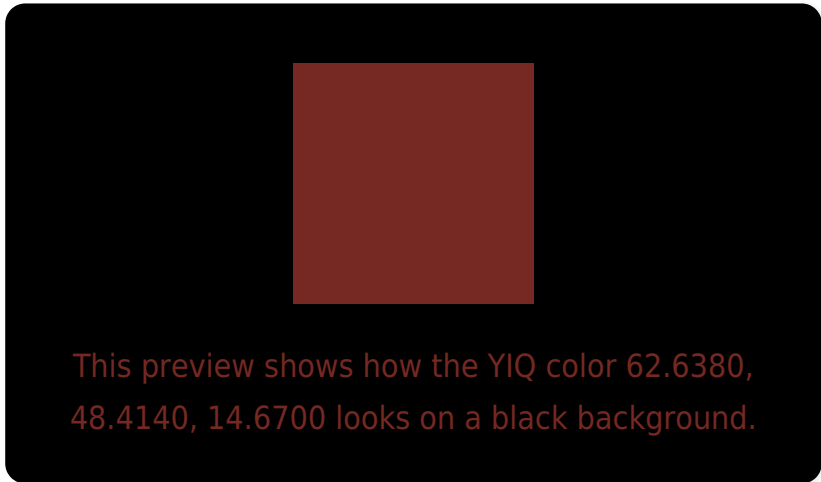
Large Text (above 18pt) WCAG AA ✓ Pass

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

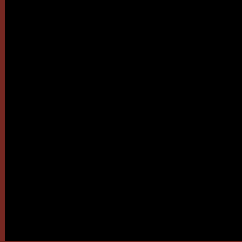
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.6380, 48.4140, 14.6700

Background



This preview shows how black text looks on a background with the YIQ color 62.6380, 48.4140, 14.6700.

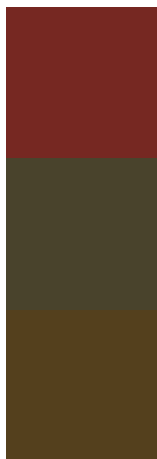


This preview shows how white text looks on a background with the YIQ color 62.6380, 48.4140,

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

62.6380, 48.4140, 14.6700

Protanopia

66.1720, 10.9590, -5.8810

Deuteranopia

65.9900, 23.1550, -6.6450



Tritanopia

62.8490, 46.4420, 17.3700

Trichromacy



Original Color

62.6380, 48.4140, 14.6700

Protanomaly

64.6300, 24.5290, 1.4970

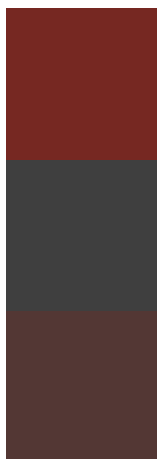
Deuteranomaly

64.5230, 32.1400, 1.2280

Tritanomaly

62.5070, 47.4050, 16.4370

Monochromacy



Original Color

62.6380, 48.4140, 14.6700

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.6380, 48.4140, 14.6700 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(118, 40, 34)` looks like.

```
.text, #text, p{  
    color:rgb(118, 40, 34)  
}
```

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(118, 40, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 40, 34) }
```

Border

The CSS property to change the border of an element to YIQ 62.6380, 48.4140, 14.6700 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(118, 40, 34) }
```


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

```
.border{ border-color:rgb(118, 40, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 40, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 40, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 40, 34);  
box-shadow:4px 4px 4px 4px rgb(118, 40,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 62.6380, 48.4140, 14.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 40, 34) }
```

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

```
.background{ background-color: rgb(118, 40,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor