

Converting Colors

YIQ(62.5670, 47.1760, 15.0800)

Have a look what the booklet for
YIQ(62.5670, 47.1760, 15.0800)
contains.

YIQ(62.5670, 47.1760, 15.0800)	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(62.5670, 47.1760,
15.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	752824
RGB	117, 40, 36
RGB Percent	46%, 16%, 14%
CMY	0.5410, 0.8432, 0.8586
CMYK	0.00, 0.66, 0.69, 0.54
HSL	3°, 53%, 30%
HSV	3°, 69%, 46%
XYZ	8.4192, 5.4282, 2.2770
YIQ	62.5670, 47.1760, 15.0800

Conversions

Conversions Part 2

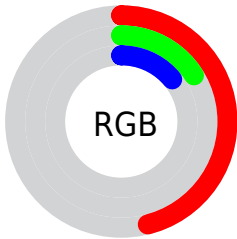
Format	Color
R_{YB}	117, 40, 36
Decimal	7677988
CIE _{Lab}	27.92, 33.57, 20.63
CIE _{LCh}	28, 39.399, 31.567
Yxy	5.4282, 0.5221, 0.3366
Android (android.graphics.Color)	4285868068 (0xFF752824)
YUV	62.5670, -13.0975, 47.7377
Hunter-Lab	23.2984, 23.7310, 10.5145

Details

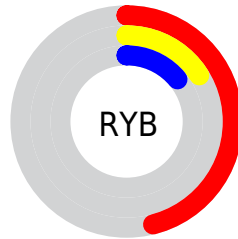
The YIQ color **62.5670, 47.1760, 15.0800** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **90.4330, -47.1760, -15.0800**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5030, 53.2280, 15.5320**, and **18.8370, 37.5480, 13.3560** is the 20% darker color. If you saturate the color by 10%, you get **54.7420, 54.0530, 17.1010**, and if you desaturate by 10%, it is **70.3920, 40.2990, 13.0590**.

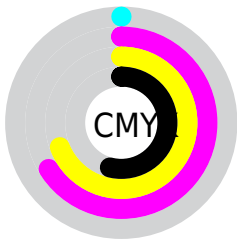
Distribution



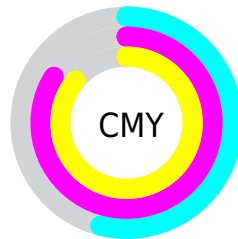
- Red (46%)
- Green (16%)
- Blue (14%)



- Red (46%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (66%)
- Yellow (69%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.5670, 47.1760, 15.0800 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 62.5670, 47.1760, 15.0800 by changing the saturation by 10% instead.

■ 62.5670, 47.1760,
15.0800

■ 62.5670, 47.1760,
15.0800

255.0000, -0.0000,
-0.0000

■ 36.8380, 44.9750,
16.4230

■ 113.5030, 53.2280,
15.5320

■ 18.8370, 37.5480,
13.3560

■ 140.1720, 55.6580,
15.5460

■ 11.4760, 22.3270,
8.3670

■ 166.9550, 57.7670,
15.8710

■ 0.0000, 0.0000,
0.0000

■ 192.6450, 55.7040,
14.7120

■ 211.5720, 39.6120,
8.9880

■ 231.7870, 22.6490,

2.5290

■ 252.0020, 5.6860,
-3.9300

■ 62.5670, 47.1760,
15.0800

■ 62.5670, 47.1760,
15.0800

■ 54.7420, 54.0530,
17.1010

■ 70.3920, 40.2990,
13.0590

■ 47.0310, 60.6090,
19.4330

■ 78.1030, 33.7430,
10.7270

■ 39.2060, 67.4860,
21.4540

■ 85.9280, 26.8660,
8.7060

■ 38.5050, 68.0820,
21.6660

■ 94.3400, 19.7140,
6.1620

■ 102.1650, 12.8370,
4.1410

■ 109.8760, 6.2810,
1.8090

■ 117.7010, -0.5960,
-0.2120

■ 125.5260, -7.4730,
-2.2330

■ 133.2370,
-14.0290, -4.5650

Harmonies

Analogous

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



63.0630, 40.3880, 27.9720



62.5670, 47.1760, 15.0800



62.6350, 43.3280, -3.2960

Triad

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



62.5670, 47.1760, 15.0800



49.7760, -32.6850, -29.9090



54.9810, -59.7420, 3.4100

Complementary

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



62.5670, 47.1760, 15.0800



90.4330, -47.1760, -15.0800

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.



58.1780, -59.0990, -2.7390



62.5670, 47.1760, 15.0800



54.5980, -43.5070, -21.0030

Square

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



62.5670, 47.1760, 15.0800



57.8870, 6.6070, -26.1370



57.4310, -52.8620, -11.1500



66.9440, -13.6210, 21.0910

Rectangle

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



62.5670, 47.1760, 15.0800



61.8200, 35.0770, -13.4590



57.4310, -52.8620, -11.1500



56.6280, -60.2460, 1.5300

Sweetspot

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



62.5670, 47.1760, 15.0800



131.1550, 18.7970, 6.2610



69.1110, 23.2380, 41.4300



63.5670, 11.6450, 3.7170



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.



62.5670, 47.1760, 15.0800



67.4950, 74.0420, 23.7860



85.4600, 36.4510, -5.3170



54.7940, 3.5760, 1.2720



40.0000, 71.0620, 22.7260



81.7940, 145.7000, 46.7240

Inverse Universe

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



90.4330, -47.1760, -15.0800



111.5050, -74.0420, -23.7860



67.5400, -36.4510, 5.3170



56.6190, -3.3010, -0.7490



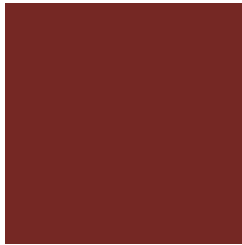
82.0000, -71.0620, -22.7260



168.2060, -145.7000, -46.7240

Previews

White Background



This preview shows how the YIQ color 62.5670, 47.1760, 15.0800 looks on a white background.

Color Contrast Check

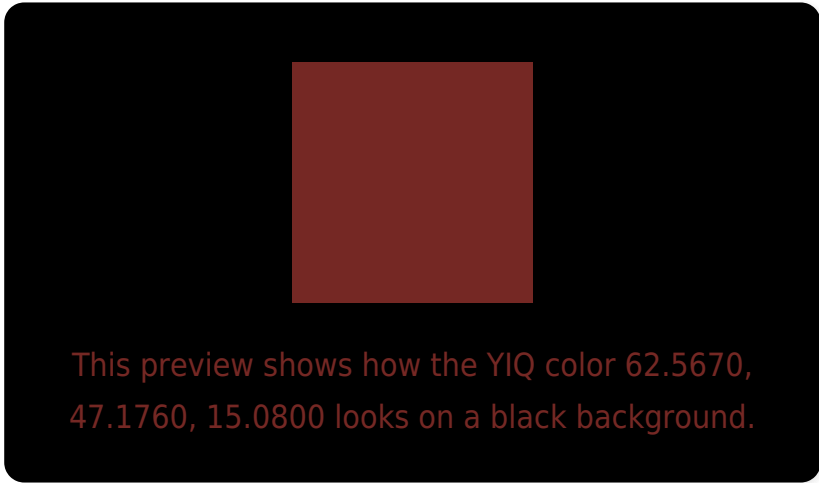
Large Text (above 18pt) WCAG AA ✓ Pass

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

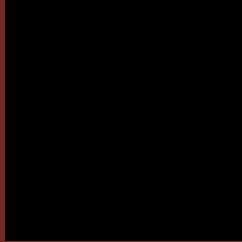
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.5670, 47.1760, 15.0800

Background



This preview shows how black text looks on a background with the YIQ color 62.5670, 47.1760, 15.0800.

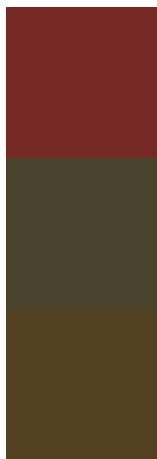


This preview shows how white text looks on a background with the YIQ color 62.5670, 47.1760,

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

62.5670, 47.1760, 15.0800

Protanopia

66.4000, 10.3170, -5.2590

Deuteranopia

66.0330, 21.5960, -5.9240



Tritanopia

62.5500, 45.8460, 17.1580

Trichromacy



Original Color

62.5670, 47.1760, 15.0800

Protanomaly

64.8580, 23.8870, 2.1190

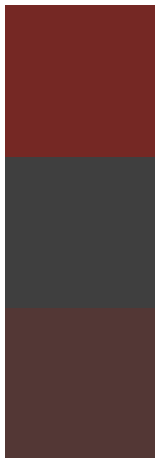
Deuteranomaly

64.4520, 30.9020, 1.6380

Tritanomaly

62.3220, 46.4880, 16.5360

Monochromacy



Original Color

62.5670, 47.1760, 15.0800

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1440, 17.3300, 5.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.5670, 47.1760, 15.0800 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(117, 40, 36)` looks like.

```
.text, #text, p{  
    color:rgb(117, 40, 36)  
}
```

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(117, 40, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 40, 36) }
```

Border

The CSS property to change the border of an element to YIQ 62.5670, 47.1760, 15.0800 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(117, 40, 36) }
```


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

```
.border{ border-color:rgb(117, 40, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 40, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 40, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 40, 36);  
box-shadow:4px 4px 4px 4px rgb(117, 40,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 62.5670, 47.1760, 15.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 40, 36) }
```

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

```
.background{ background-color: rgb(117, 40,  
36) }
```

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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