

Converting Colors

YIQ(64.7500, 42.4070, 18.9110)

Have a look what the booklet for
YIQ(64.7500, 42.4070, 18.9110)
contains.

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Color

**YIQ(64.7500, 42.4070,
18.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	752932
RGB	117, 41, 50
RGB Percent	46%, 16%, 20%
CMY	0.5410, 0.8393, 0.8038
CMYK	0.00, 0.65, 0.57, 0.54
HSL	353°, 48%, 31%
HSV	353°, 65%, 46%
XYZ	8.7110, 5.5995, 3.6440
YIQ	64.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

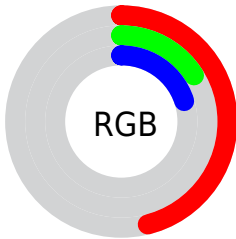
Format	Color
R_{YB}	117, 41, 50
Decimal	7678258
CIE Lab	28.38, 34.14, 12.06
CIE LCh	28, 36.211, 19.459
Yxy	5.5995, 0.4852, 0.3119
Android (android.graphics.Color)	4285868338 (0xFF752932)
YUV	64.7500, -7.2717, 45.8233
Hunter-Lab	23.6633, 24.2988, 7.4341

Details

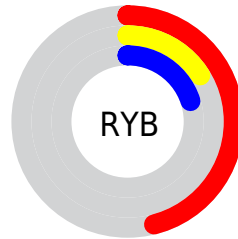
The YIQ color **64.7500, 42.4070, 18.9110** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.2500, -42.4070, -18.9110**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.5010, 47.5420, 19.4620**, and **19.4780, 37.1810, 14.5010** is the 20% darker color. If you saturate the color by 10%, you get **56.5660, 48.9170, 22.0770**, and if you desaturate by 10%, it is **72.9340, 35.8970, 15.7450**.

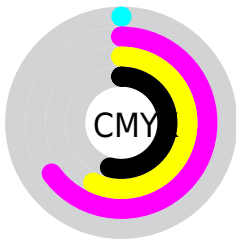
Distribution



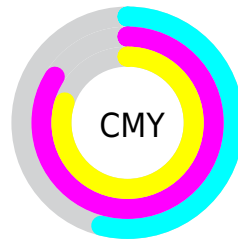
- Red (46%)
- Green (16%)
- Blue (20%)



- Red (46%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7500, 42.4070, 18.9110 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 64.7500, 42.4070, 18.9110 by changing the saturation by 10% instead.

64.7500, 42.4070,
18.9110

64.7500, 42.4070,
18.9110

255.0000, -0.0000,
-0.0000

39.0210, 40.2060,
20.2540

115.5010, 47.5420,
19.4620

19.4780, 37.1810,
14.5010

142.2840, 49.6510,
19.7870

12.0740, 23.5190,
8.7910

169.1810, 51.4390,
20.4230

0.0000, 0.0000,
0.0000

195.1700, 49.9720,
19.4760

214.6840, 33.6050,
13.2290

234.3120, 16.9170,

7.2930

254.4130, 0.2750,
0.5230

■ 64.7500, 42.4070,
18.9110

■ 64.7500, 42.4070,
18.9110

■ 56.5660, 48.9170,
22.0770

■ 72.9340, 35.8970,
15.7450

■ 48.8550, 55.4730,
24.4090

■ 80.6450, 29.3410,
13.4130

■ 40.6710, 61.9830,
27.5750

■ 88.8290, 22.8310,
10.2470

■ 36.5790, 65.2380,
29.1580

■ 97.0130, 16.3210,
7.0810

■ 104.7240, 9.7650,
4.7490

■ 112.9080, 3.2550,
1.5830

■ 121.0920, -3.2550,
-1.5830

■ 129.3900,
-10.0860, -4.4380

■ 136.9870,
-16.3210, -7.0810

Harmonies

Analogous

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



66.4470, 30.4390, 26.5590



64.7500, 42.4070, 18.9110



65.0790, 42.3180, 3.9980

Triad

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



64.7500, 42.4070, 18.9110



57.0620, -12.8790, -25.4150



56.7590, -59.2370, -0.2370

Complementary

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



64.7500, 42.4070, 18.9110



93.2500, -42.4070, -18.9110

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.



58.2120, -56.4390, -6.8950



64.7500, 42.4070, 18.9110



52.7570, -39.7010, -23.9010

Square

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



64.7500, 42.4070, 18.9110



61.4970, 16.6930, -21.6990



56.6500, -49.2850, -15.4050



65.6000, -27.5120, 14.0240

Rectangle

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



64.7500, 42.4070, 18.9110



64.0040, 37.7350, -6.5610



56.6500, -49.2850, -15.4050



57.5910, -58.8240, -2.2160

Sweetspot

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



64.7500, 42.4070, 18.9110



133.0130, 16.3210, 7.0810



69.3980, 14.9400, 37.6280



64.6100, 10.0860, 4.4380



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.



64.7500, 42.4070, 18.9110



71.1770, 66.4300, 29.5820



80.1600, 37.5960, 1.4680



54.7940, 3.5760, 1.2720



38.1880, 67.8970, 30.5290



78.1700, 139.3700, 62.3300

Inverse Universe

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



64.7500, 42.4070, 18.9110



71.1770, 66.4300, 29.5820



77.8400, -37.5960, -1.4680



54.7940, 3.5760, 1.2720



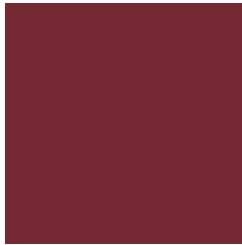
38.1880, 67.8970, 30.5290



78.1700, 139.3700, 62.3300

Previews

White Background



This preview shows how the YIQ color 64.7500, 42.4070, 18.9110 looks on a white background.

Color Contrast Check

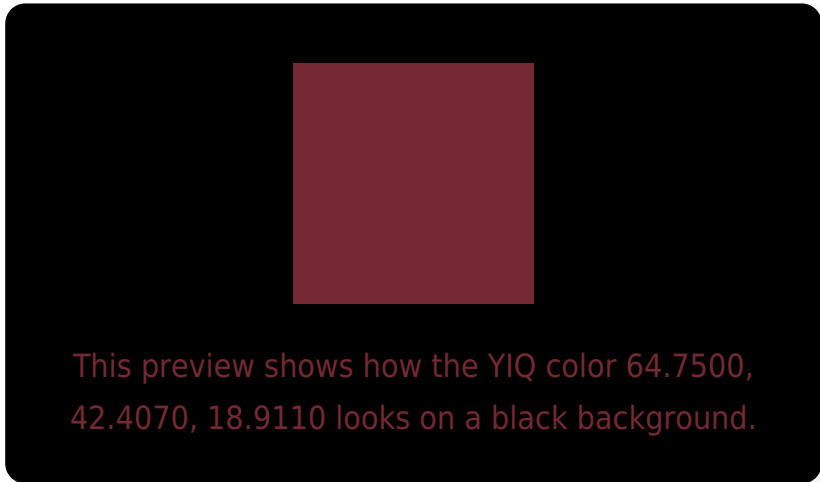
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.7500, 42.4070, 18.9110

Background



This preview shows how black text looks on a background with the YIQ color 64.7500, 42.4070, 18.9110.



This preview shows how white text looks on a background with the YIQ color 64.7500, 42.4070,

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

64.7500, 42.4070, 18.9110

Protanopia

68.2130, 3.7140, -1.2300

Deuteranopia

67.6180, 15.6350, -2.5170



Tritanopia

64.6530, 44.0580, 16.5220

Trichromacy



Original Color

64.7500, 42.4070, 18.9110

Protanomaly

66.9700, 17.8800, 6.3600

Deuteranomaly

66.3360, 25.5370, 5.2570

Tritanomaly

64.8810, 43.4160, 17.1440

Monochromacy



Original Color

64.7500, 42.4070, 18.9110

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8280, 15.4040, 7.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7500, 42.4070, 18.9110 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, 41, 50)` looks like.

```
.text, #text, p{  
    color:rgb(117, 41, 50)  
}
```

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, 41, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 41, 50) }
```

Border

The CSS property to change the border of an element to YIQ 64.7500, 42.4070, 18.9110 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, 41, 50) }
```


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

```
.border{ border-color:rgb(117, 41, 50) }
```

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

Here you see how a box with a 4 pixel rgb(117, 41, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 41, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 41, 50);  
box-shadow:4px 4px 4px 4px rgb(117, 41,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 64.7500, 42.4070, 18.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 41, 50) }
```

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

```
.background{ background-color: rgb(117, 41,  
50) }
```

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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