

Converting Colors

YIQ(58.1200, 44.2410, 18.7130)

Have a look what the booklet for
YIQ(58.1200, 44.2410, 18.7130)
contains.

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Color

**YIQ(58.1200, 44.2410,
18.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	702229
RGB	112, 34, 41
RGB Percent	44%, 13%, 16%
CMY	0.5606, 0.8668, 0.8390
CMYK	0.00, 0.70, 0.63, 0.56
HSL	355°, 53%, 29%
HSV	355°, 70%, 44%
XYZ	7.6603, 4.7505, 2.6150
YIQ	58.1200, 44.2410, 18.7130

Conversions

Conversions Part 2

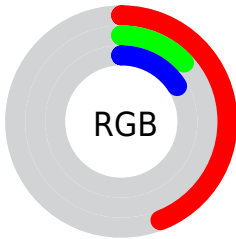
Format	Color
R_{YB}	112, 34, 41
Decimal	7348777
CIE Lab	26.01, 34.89, 14.73
CIE LCh	26, 37.873, 22.889
Yxy	4.7505, 0.5098, 0.3162
Android (android.graphics.Color)	4285538857 (0xFF702229)
YUV	58.1200, -8.4402, 47.2528
Hunter-Lab	21.7957, 24.5936, 8.1435

Details

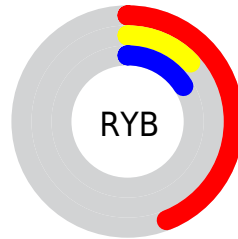
The YIQ color **58.1200, 44.2410, 18.7130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.8800, -44.2410, -18.7130**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3440, 49.4220, 18.4300**, and **17.6410, 35.1640, 12.5080** is the 20% darker color. If you saturate the color by 10%, you get **50.5230, 50.4760, 21.3560**, and if you desaturate by 10%, it is **65.7170, 38.0060, 16.0700**.

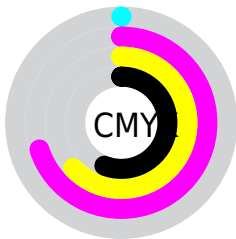
Distribution



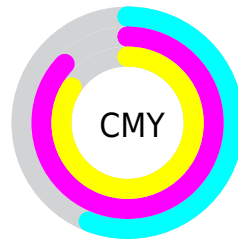
- Red (44%)
- Green (13%)
- Blue (16%)



- Red (44%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (63%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.1200, 44.2410, 18.7130 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 58.1200, 44.2410, 18.7130 by changing the saturation by 10% instead.

■ 58.1200, 44.2410,
18.7130

■ 58.1200, 44.2410,
18.7130

255.0000, -0.0000,
-0.0000

■ 31.3310, 42.2690,
21.4130

■ 109.3440, 49.4220,
18.4300

■ 17.6410, 35.1640,
12.5080

■ 135.4260, 52.1270,
18.9670

■ 9.3830, 18.1550,
6.8830

■ 162.3230, 53.9150,
19.6030

■ 0.0000, 0.0000,
0.0000


■ 189.8070, 55.4280,
19.7160


■ 208.7340, 39.3360,
13.9920


■ 228.9490, 22.3730,


7.5330


 248.5770, 5.6850,
1.5970


 58.1200, 44.2410,
18.7130


 58.1200, 44.2410,
18.7130


 50.5230, 50.4760,
21.3560


 65.7170, 38.0060,
16.0700


 42.9260, 56.7110,
23.9990

 73.3140, 31.7710,
13.4270

 34.6280, 63.5420,
26.8540

 81.6120, 24.9400,
10.5720

 89.2090, 18.7050,
7.9290

 96.8060, 12.4700,
5.2860

■ 104.4030, 6.2350,
2.6430

■ 112.0000, -0.0000,
0.0000

■ 120.2980, -6.8310,
-2.8550

■ 127.8950,
-13.0660, -5.4980

Harmonies

Analogous

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



59.3550, 33.6940, 28.1420



58.1200, 44.2410, 18.7130



58.9110, 42.7310, 2.0190

Triad

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



58.1200, 44.2410, 18.7130



48.2890, -20.9480, -27.8600



52.8950, -56.6240, 1.9680

Complementary

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



58.1200, 44.2410, 18.7130



87.8800, -44.2410, -18.7130

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.



55.0490, -54.4220, -4.9020



58.1200, 44.2410, 18.7130



49.5940, -37.6840, -21.9080

Square

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



58.1200, 44.2410, 18.7130



55.4750, 13.7590, -23.5930



53.4870, -47.2680, -13.4120



60.6220, -24.5780, 15.9180

Rectangle

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



58.1200, 44.2410, 18.7130



58.3090, 38.1940, -9.3740



53.4870, -47.2680, -13.4120



53.8410, -56.5320, 0.3000

Sweetspot

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



58.1200, 44.2410, 18.7130



124.3120, 16.9170, 7.2930



63.8220, 16.6820, 39.0980



60.9090, 10.6820, 4.6500



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



58.1200, 44.2410, 18.7130



60.7320, 69.1810, 29.2850



75.5190, 37.9630, 0.3230



51.9080, 3.2550, 1.5830



37.1340, 67.9890, 28.8610



76.3610, 140.1500, 59.2060

Inverse Universe

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



58.1200, 44.2410, 18.7130



60.7320, 69.1810, 29.2850



70.4810, -37.9630, -0.3230



51.9080, 3.2550, 1.5830



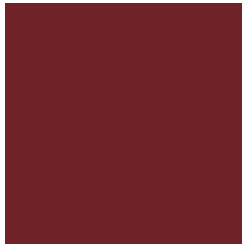
37.1340, 67.9890, 28.8610



76.3610, 140.1500, 59.2060

Previews

White Background



This preview shows how the YIQ color 58.1200, 44.2410, 18.7130 looks on a white background.

Color Contrast Check

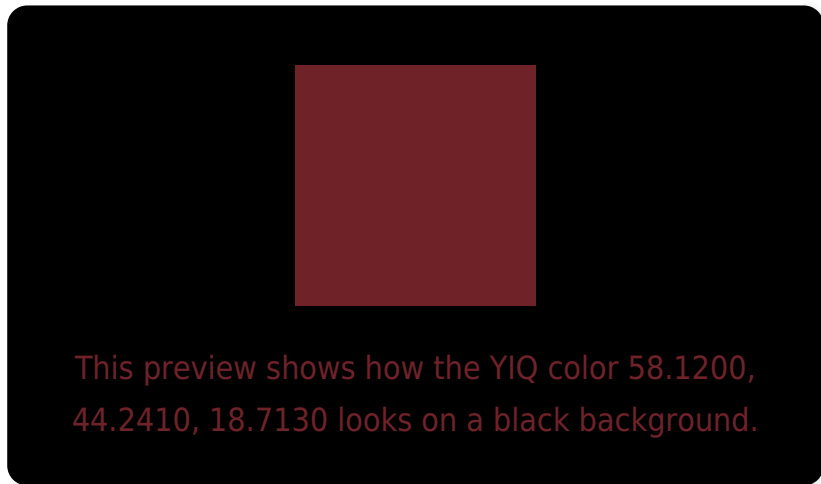
Large Text (above 18pt) WCAG AA ✓ Pass

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

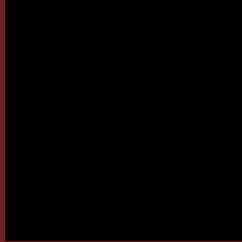
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.1200, 44.2410, 18.7130

Background



This preview shows how black text looks on a background with the YIQ color 58.1200, 44.2410, 18.7130.



This preview shows how white text looks on a background with the YIQ color 58.1200, 44.2410,

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

58.1200, 44.2410, 18.7130

Protanopia

62.7570, 4.9980, -2.4740

Deuteranopia

62.1620, 16.9190, -3.7610



Tritanopia

58.2510, 45.2500, 16.9460

Trichromacy



Original Color

58.1200, 44.2410, 18.7130

Protanomaly

60.9270, 19.4390, 5.6390

Deuteranomaly

60.8800, 26.8210, 4.0130

Tritanomaly

58.3650, 44.9290, 17.2570

Monochromacy



Original Color

58.1200, 44.2410, 18.7130

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0130, 16.3210, 7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.1200, 44.2410, 18.7130 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(112, 34, 41)` looks like.

```
.text, #text, p{  
    color:rgb(112, 34, 41)  
}
```

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(112, 34, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 34, 41) }
```

Border

The CSS property to change the border of an element to YIQ 58.1200, 44.2410, 18.7130 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(112, 34, 41) }
```


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

```
.border{ border-color:rgb(112, 34, 41) }
```

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

Here you see how a box with a 4 pixel rgb(112, 34, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 34, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 34, 41);  
box-shadow:4px 4px 4px 4px rgb(112, 34,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 58.1200, 44.2410, 18.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 34, 41) }
```

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

```
.background{ background-color: rgb(112, 34,  
41) }
```

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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