

Converting Colors

YIQ(62.2870, 36.4010, 17.6250)

Have a look what the booklet for
YIQ(62.2870, 36.4010, 17.6250)
contains.

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Color

**YIQ(62.2870, 36.4010,
17.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	6C2934
RGB	108, 41, 52
RGB Percent	42%, 16%, 20%
CMY	0.5763, 0.8393, 0.7959
CMYK	0.00, 0.62, 0.52, 0.58
HSL	350°, 45%, 29%
HSV	350°, 62%, 42%
XYZ	7.6021, 5.0230, 3.8218
YIQ	62.2870, 36.4010, 17.6250

Conversions

Conversions Part 2

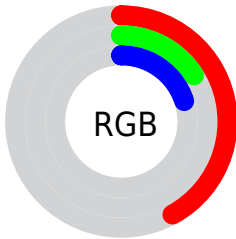
Format	Color
R_{YB}	108, 41, 52
Decimal	7088436
CIE Lab	26.80, 30.94, 8.31
CIE LCh	27, 32.041, 15.032
Yxy	5.0230, 0.4622, 0.3054
Android (android.graphics.Color)	4285278516 (0xFF6C2934)
YUV	62.2870, -5.0715, 40.0903
Hunter-Lab	22.4120, 21.3256, 5.5781

Details

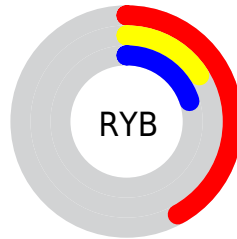
The YIQ color **62.2870, 36.4010, 17.6250** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.7130, -36.4010, -17.6250**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.7390, 40.9400, 17.9640**, and **17.7270, 32.0460, 13.9500** is the 20% darker color. If you saturate the color by 10%, you get **54.8040, 42.3150, 20.5790**, and if you desaturate by 10%, it is **69.7700, 30.4870, 14.6710**.

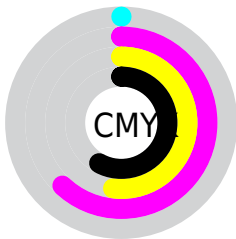
Distribution



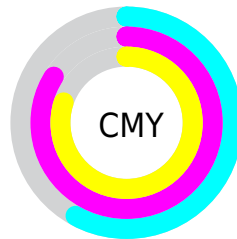
- Red (42%)
- Green (16%)
- Blue (20%)



- Red (42%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.2870, 36.4010, 17.6250 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 62.2870, 36.4010, 17.6250 by changing the saturation by 10% instead.

62.2870, 36.4010,
17.6250

62.2870, 36.4010,
17.6250

255.0000, -0.0000,
-0.0000

37.4440, 34.5210,
18.6570

112.7390, 40.9400,
17.9640

17.7270, 32.0460,
13.9500

138.6360, 42.7280,
18.6000

9.3830, 18.1550,
6.8830

165.5330, 44.5160,
19.2360

0.0000, 0.0000,
0.0000

193.1310, 45.7080,
19.6600

213.8520, 33.1920,
15.2080

234.0670, 16.2290,

8.7490

253.2390, 0.8250,
1.5690

62.2870, 36.4010,
17.6250

62.2870, 36.4010,
17.6250

54.8040, 42.3150,
20.5790

69.7700, 30.4870,
14.6710

47.3210, 48.2290,
23.5330

77.2530, 24.5730,
11.7170

40.4250, 53.8680,
25.9640

84.1490, 18.9340,
9.2860

34.3440, 58.5900,
28.4940

91.6320, 13.0200,
6.3320

99.1150, 7.1060,
3.3780

■ 106.5980, 1.1920,
0.4240

■ 114.0810, -4.7220,
-2.5300

■ 120.9770,
-10.3610, -4.9610

■ 128.4600,
-16.2750, -7.9150

Harmonies

Analogous

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



64.5170, 24.2500, 23.0820



62.2870, 36.4010, 17.6250



62.0940, 37.9620, 5.8500

Triad

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



62.2870, 36.4010, 17.6250



55.8180, -6.1400, -20.8920



53.6300, -54.5600, -2.4000

Complementary

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



62.2870, 36.4010, 17.6250



86.7130, -36.4010, -17.6250

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.



54.4960, -51.4870, -8.5350



62.2870, 36.4010, 17.6250



49.1380, -36.4000, -23.1520

Square

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



62.2870, 36.4010, 17.6250



59.4310, 17.0590, -17.3170



52.5750, -44.7000, -15.9000



61.0080, -28.8410, 10.5750

Rectangle

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



62.2870, 36.4010, 17.6250



61.2580, 34.2040, -3.1400



52.5750, -44.7000, -15.9000



53.8750, -53.8720, -3.8560

Sweetspot

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



62.2870, 36.4010, 17.6250



122.2300, 14.2120, 6.7560



65.3820, 11.8690, 32.7090



60.1260, 8.5730, 4.3250



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



62.2870, 36.4010, 17.6250



69.1480, 56.2060, 27.6460



73.9470, 33.8820, 2.6980



49.9080, 3.2550, 1.5830



37.1490, 63.6330, 30.7130



77.8150, 133.1800, 64.3800

Inverse Universe

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



62.2870, 36.4010, 17.6250



69.1480, 56.2060, 27.6460



75.0530, -33.8820, -2.6980



49.9080, 3.2550, 1.5830



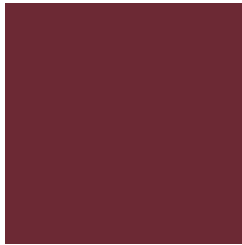
37.1490, 63.6330, 30.7130



77.8150, 133.1800, 64.3800

Previews

White Background



This preview shows how the YIQ color 62.2870, 36.4010, 17.6250 looks on a white background.

Color Contrast Check

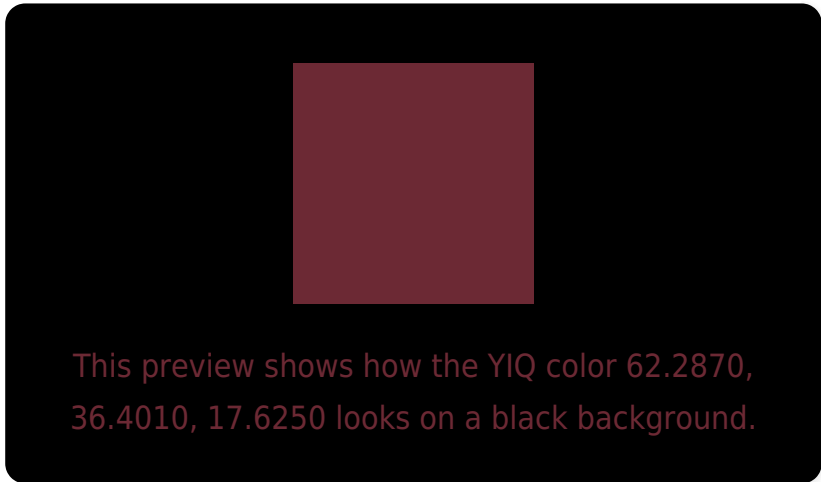
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.2870, 36.4010, 17.6250

Background



This preview shows how black text looks on a background with the YIQ color 62.2870, 36.4010, 17.6250.



This preview shows how white text looks on a background with the YIQ color 62.2870, 36.4010,

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

62.2870, 36.4010, 17.6250

Protanopia

64.5980, 1.1920, 0.4240

Deuteranopia

64.7040, 12.5170, -1.0750



Tritanopia

62.0760, 38.3730, 14.9250

Trichromacy



Original Color

62.2870, 36.4010, 17.6250

Protanomaly

63.9310, 13.6160, 6.5440

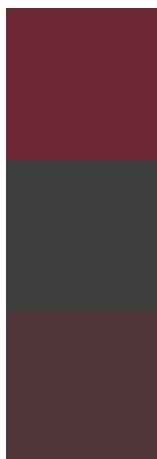
Deuteranomaly

63.7100, 21.5480, 5.9640

Tritanomaly

62.4180, 37.4100, 15.8580

Monochromacy



Original Color

62.2870, 36.4010, 17.6250

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.9310, 13.6160, 6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.2870, 36.4010, 17.6250 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(108, 41, 52)` looks like.

```
.text, #text, p{  
    color:rgb(108, 41, 52)  
}
```

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(108, 41, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 41, 52) }
```

Border

The CSS property to change the border of an element to YIQ 62.2870, 36.4010, 17.6250 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(108, 41, 52) }
```


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

```
.border{ border-color:rgb(108, 41, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 41, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 41, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 41, 52);  
box-shadow:4px 4px 4px 4px rgb(108, 41,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 62.2870, 36.4010, 17.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 41, 52) }
```

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

```
.background{ background-color: rgb(108, 41,  
52) }
```

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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