

Converting Colors

YIQ(61.1450, 43.0930, 28.5090)

Have a look what the booklet for
YIQ(61.1450, 43.0930, 28.5090)
contains.

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Color

**YIQ(61.1450, 43.0930,
28.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	781F3E
RGB	120, 31, 62
RGB Percent	47%, 12%, 24%
CMY	0.5292, 0.8786, 0.7567
CMYK	0.00, 0.74, 0.48, 0.53
HSL	339°, 59%, 30%
HSV	339°, 74%, 47%
XYZ	9.1134, 5.3235, 5.1100
YIQ	61.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

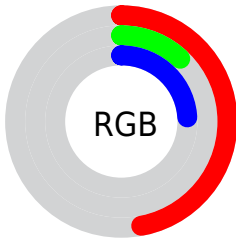
Format	Color
R_{YB}	120, 31, 62
Decimal	7872318
CIE Lab	27.64, 40.76, 3.10
CIE LCh	28, 40.876, 4.343
Yxy	5.3235, 0.4662, 0.2723
Android (android.graphics.Color)	4286062398 (0xFF781F3E)
YUV	61.1450, 0.4215, 51.6158
Hunter-Lab	23.0728, 30.1279, 3.0197

Details

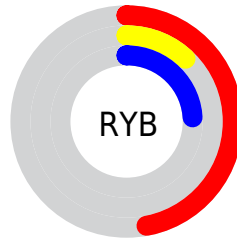
The YIQ color **61.1450, 43.0930, 28.5090** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **89.8550, -43.0930, -28.5090**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.7710, 47.0820, 27.8020**, and **22.0140, 32.9160, 20.2120** is the 20% darker color. If you saturate the color by 10%, you get **53.1890, 48.9610, 32.2970**, and if you desaturate by 10%, it is **69.1010, 37.2250, 24.7210**.

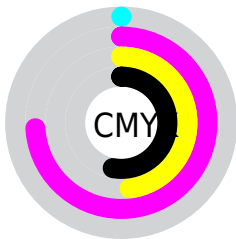
Distribution



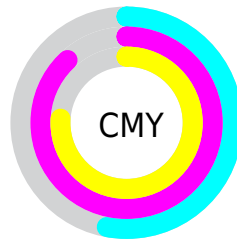
- Red (47%)
- Green (12%)
- Blue (24%)



- Red (47%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.1450, 43.0930, 28.5090 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 61.1450, 43.0930, 28.5090 by changing the saturation by 10% instead.

61.1450, 43.0930,
28.5090

61.1450, 43.0930,
28.5090

255.0000, -0.0000,
-0.0000

32.3670, 42.5880,
32.1560

113.7710, 47.0820,
27.8020

22.0140, 32.9160,
20.2120

140.6680, 48.8700,
28.4380

12.9710, 25.3070,
9.4270

167.5650, 50.6580,
29.0740

0.0000, 0.0000,
0.0000

192.7710, 47.0820,
27.8020

212.2850, 30.7150,
21.5550

232.0270, 13.7060,

15.9300

250.3040, 2.2000,
4.1840

61.1450, 43.0930,
28.5090

61.1450, 43.0930,
28.5090

53.1890, 48.9610,
32.2970

69.1010, 37.2250,
24.7210

45.2330, 54.8290,
36.0850

77.0570, 31.3570,
20.9330

40.6680, 58.0380,
38.5020

84.8990, 25.8100,
16.8340

92.8550, 19.9420,
13.0460

100.8110, 14.0740,
9.2580

■ 108.7670, 8.2060,
5.4700

■ 116.7230, 2.3380,
1.6820

■ 124.6790, -3.5300,
-2.1060

■ 132.5210, -9.0770,
-6.2050

Harmonies

Analogous

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



65.1890, 22.5980, 30.9980



61.1450, 43.0930, 28.5090



61.5240, 48.7350, 14.3590

Triad

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



61.1450, 43.0930, 28.5090



56.1640, 4.2690, -27.8190



58.5200, -60.0620, -1.8060

Complementary

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



61.1450, 43.0930, 28.5090



89.8550, -43.0930, -28.5090

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.



57.7730, -53.8250, -10.2170



61.1450, 43.0930, 28.5090



49.8900, -33.0060, -29.5980

Square

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



61.1450, 43.0930, 28.5090



60.8790, 27.4210, -17.8830



54.2390, -43.8740, -19.8580



54.5080, -59.7880, 4.2440

Rectangle

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



61.1450, 43.0930, 28.5090



62.1240, 46.4450, 0.7890



54.2390, -43.8740, -19.8580



58.4230, -58.4110, -4.1950

Sweetspot

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



61.1450, 43.0930, 28.5090



132.8330, 17.0080, 11.1520



58.4880, 5.9990, 39.9750



65.1910, 9.9480, 6.9400



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



61.1450, 43.0930, 28.5090



64.0330, 67.4360, 44.3960



65.2420, 49.4690, 12.0690



57.0220, 2.9340, 1.8940



42.3910, 60.3760, 40.1840



85.3800, 121.9440, 80.7920

Inverse Universe

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



61.1450, 43.0930, 28.5090



64.0330, 67.4360, 44.3960



85.7580, -49.4690, -12.0690



57.0220, 2.9340, 1.8940



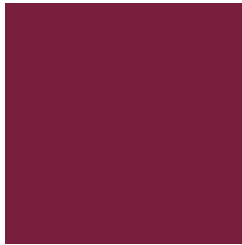
42.3910, 60.3760, 40.1840



85.3800, 121.9440, 80.7920

Previews

White Background



This preview shows how the YIQ color 61.1450, 43.0930, 28.5090 looks on a white background.

Color Contrast Check

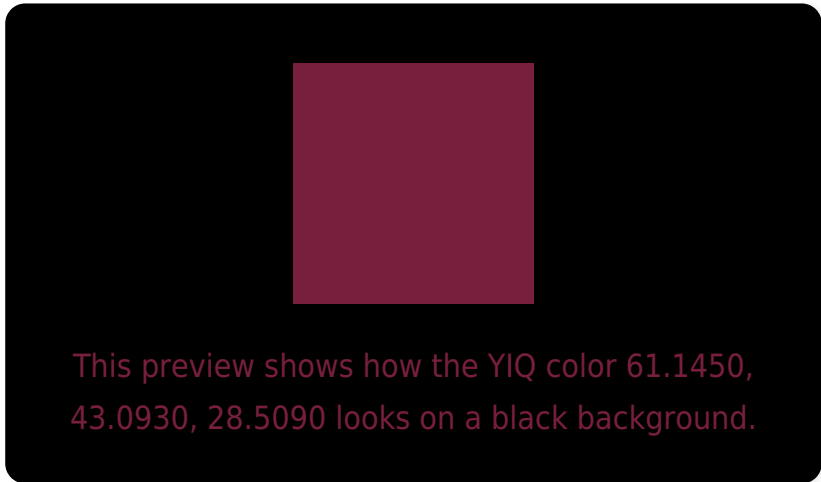
Large Text (above 18pt) WCAG AA ✓ Pass

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

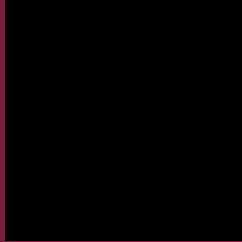
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.1450, 43.0930, 28.5090

Background



This preview shows how black text looks on a background with the YIQ color 61.1450, 43.0930, 28.5090.



This preview shows how white text looks on a background with the YIQ color 61.1450, 43.0930,

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

61.1450, 43.0930, 28.5090

Protanopia

66.9270, -6.9240, 4.3400

Deuteranopia

66.9040, 9.0780, 0.6780



Tritanopia

61.7460, 48.2300, 18.0060

Trichromacy



Original Color

61.1450, 43.0930, 28.5090

Protanomaly

64.7770, 11.4140, 13.4140

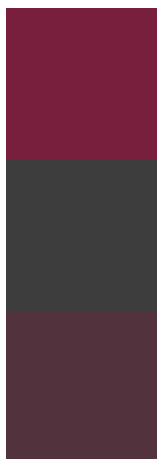
Deuteranomaly

64.7580, 21.5930, 10.6570

Tritanomaly

61.4840, 46.2120, 21.5400

Monochromacy



Original Color

61.1450, 43.0930, 28.5090

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.8220, 15.5410, 10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.1450, 43.0930, 28.5090 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(120, 31, 62)` looks like.

```
.text, #text, p{  
    color:rgb(120, 31, 62)  
}
```

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(120, 31, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 31, 62) }
```

Border

The CSS property to change the border of an element to YIQ 61.1450, 43.0930, 28.5090 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(120, 31, 62) }
```


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

```
.border{ border-color:rgb(120, 31, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 31, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 31, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 31, 62);  
box-shadow:4px 4px 4px 4px rgb(120, 31,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 61.1450, 43.0930, 28.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 31, 62) }
```

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

```
.background{ background-color: rgb(120, 31,  
62) }
```

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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