

Converting Colors

YIQ(48.2090, 46.2090, 38.1210)

Have a look what the booklet for
YIQ(48.2090, 46.2090, 38.1210)
contains.

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Color

**YIQ(48.2090, 46.2090,
38.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	740B3E
RGB	116, 11, 62
RGB Percent	45%, 4%, 24%
CMY	0.5448, 0.9570, 0.7567
CMYK	0.00, 0.91, 0.47, 0.54
HSL	331°, 83%, 25%
HSV	331°, 91%, 46%
XYZ	8.2017, 4.3045, 4.9613
YIQ	48.2090, 46.2090, 38.1210

Conversions

Conversions Part 2

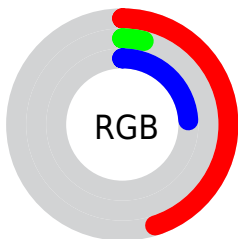
Format	Color
R_{YB}	116, 11, 62
Decimal	7605054
CIE Lab	24.65, 45.72, -1.34
CIE LCh	25, 45.738, 358.318
Yxy	4.3045, 0.4695, 0.2464
Android (android.graphics.Color)	4285795134 (0xFF740B3E)
YUV	48.2090, 6.7990, 59.4527
Hunter-Lab	20.7472, 34.2561, 0.3450

Details

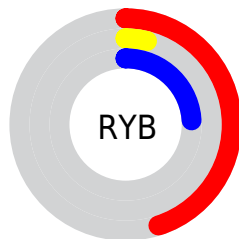
The YIQ color **48.2090, 46.2090, 38.1210** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.7910, -46.2090, -38.1210**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9440, 48.2730, 33.7530**, and **21.1170, 31.1280, 19.5760** is the 20% darker color. If you saturate the color by 10%, you get **41.0680, 51.1600, 42.0080**, and if you desaturate by 10%, it is **55.9370, 40.9830, 33.7110**.

Distribution



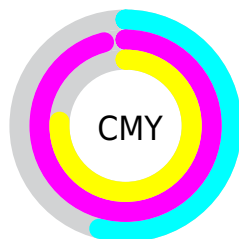
- Red (45%)
- Green (4%)
- Blue (24%)



- Red (45%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (47%)
- Black (54%)



- Cyan (54%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.2090, 46.2090, 38.1210 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 48.2090, 46.2090, 38.1210 by changing the saturation by 10% instead.

■ 48.2090, 46.2090,
38.1210

■ 48.2090, 46.2090,
38.1210

■ 255.0000, -0.0000,
-0.0000

■ 31.1710, 40.2040,
31.3080

■ 104.9440, 48.2730,
33.7530

■ 21.1170, 31.1280,
19.5760

■ 131.8410, 50.0610,
34.3890

■ 10.8780, 21.1350,
7.9430

■ 159.6240, 52.1700,
34.7140

■ 0.0000, 0.0000,
0.0000


■ 185.7270, 50.3820,
34.0780


■ 205.2410, 34.0150,
27.8310


■ 224.9830, 17.0060,


22.2060


 243.2600, 5.5000,
10.4600


 48.2090, 46.2090,
38.1210


 48.2090, 46.2090,
38.1210


 41.0680, 51.1600,
42.0080

 55.9370, 40.9830,
33.7110

 63.0780, 36.0320,
29.8240

 70.8060, 30.8060,
25.4140

 77.9470, 25.8550,
21.5270

 85.6750, 20.6290,
17.1170

■ 93.4030, 15.4030,
12.7070

■ 100.5440, 10.4520,
8.8200

■ 108.2720, 5.2260,
4.4100

■ 115.4130, 0.2750,
0.5230

Harmonies

Analogous

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



57.4430, 19.0670, 34.4190



48.2090, 46.2090, 38.1210



49.9040, 53.7770, 22.1050

Triad

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



48.2090, 46.2090, 38.1210



51.0010, 6.2860, -25.8260



55.0150, -57.0820, -0.7460

Complementary

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



48.2090, 46.2090, 38.1210



78.7910, -46.2090, -38.1210

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.



53.2250, -49.2860, -9.8780



48.2090, 46.2090, 38.1210



43.8430, -25.6240, -31.2240

Square

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



48.2090, 46.2090, 38.1210



55.2970, 29.3000, -13.3880



49.2350, -38.0510, -20.7630



52.1600, -58.6880, 6.3360

Rectangle

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



48.2090, 46.2090, 38.1210



52.6950, 52.2670, 5.4110



49.2350, -38.0510, -20.7630



54.8040, -55.1100, -3.4460

Sweetspot

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



48.2090, 46.2090, 38.1210



124.2400, 17.4200, 14.7000



38.8170, -2.1170, 43.8910



60.8430, 11.0480, 9.0320



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.



48.2090, 46.2090, 38.1210



53.1720, 65.9670, 54.5030



42.3950, 62.5800, 22.2600



55.1360, 2.6130, 2.2050



43.2040, 53.7730, 44.2130



88.5440, 110.1590, 90.6310

Inverse Universe

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



48.2090, 46.2090, 38.1210



53.1720, 65.9670, 54.5030



84.6050, -62.5800, -22.2600



55.1360, 2.6130, 2.2050



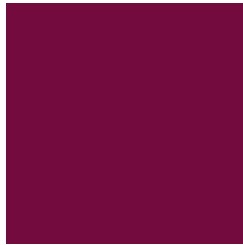
43.2040, 53.7730, 44.2130



88.5440, 110.1590, 90.6310

Previews

White Background



This preview shows how the YIQ color 48.2090, 46.2090, 38.1210 looks on a white background.

Color Contrast Check

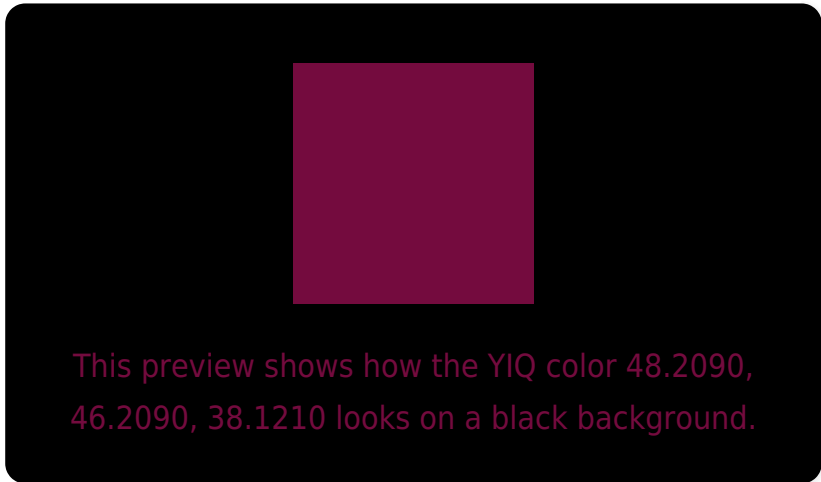
Large Text (above 18pt) WCAG AA ✓ Pass

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

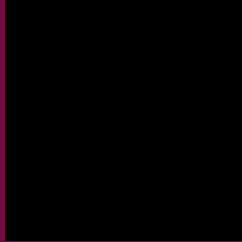
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.2090, 46.2090, 38.1210

Background



This preview shows how black text looks on a background with the YIQ color 48.2090, 46.2090, 38.1210.



This preview shows how white text looks on a background with the YIQ color 48.2090, 46.2090,

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

48.2090, 46.2090, 38.1210

Protanopia

60.8000, -13.7560, 7.0120

Deuteranopia

61.4630, 6.0060, 1.2860



Tritanopia

52.4260, 52.1270, 18.9670

Trichromacy



Original Color

48.2090, 46.2090, 38.1210

Protanomaly

56.0850, 7.7910, 18.5030

Deuteranomaly

56.7950, 20.1710, 14.4030

Tritanomaly

51.2720, 49.9250, 25.8370

Monochromacy



Original Color

48.2090, 46.2090, 38.1210

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.4140, 16.8700, 13.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.2090, 46.2090, 38.1210 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(116, 11, 62)` looks like.

```
.text, #text, p{  
    color:rgb(116, 11, 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(116, 11, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 11, 62) }
```

Border

The CSS property to change the border of an element to YIQ 48.2090, 46.2090, 38.1210 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(116, 11, 62) }
```


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

```
.border{ border-color:rgb(116, 11, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 11, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 11, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 11, 62);  
box-shadow:4px 4px 4px 4px rgb(116, 11,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 48.2090, 46.2090, 38.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 11, 62) }
```

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

```
.background{ background-color: rgb(116, 11,  
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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