

Converting Colors

YIQ(68.4610, 45.0190, 26.6430)

Have a look what the booklet for
YIQ(68.4610, 45.0190, 26.6430)
contains.

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Color

**YIQ(68.4610, 45.0190,
26.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	802740
RGB	128, 39, 64
RGB Percent	50%, 15%, 25%
CMY	0.4978, 0.8472, 0.7489
CMYK	0.00, 0.70, 0.50, 0.50
HSL	343°, 53%, 33%
HSV	343°, 70%, 50%
XYZ	10.5617, 6.4129, 5.5377
YIQ	68.4610, 45.0190, 26.6430

Conversions

Conversions Part 2

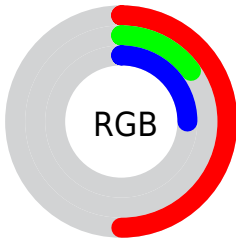
Format	Color
RYB	128, 39, 64
Decimal	8398656
CIELab	30.43, 40.25, 5.95
CIElCh	30, 40.685, 8.414
Yxy	6.4129, 0.4692, 0.2849
Android (android.graphics.Color)	4286588736 (0xFF802740)
YUV	68.4610, -2.1993, 52.2157
Hunter-Lab	25.3237, 30.1299, 4.7613

Details

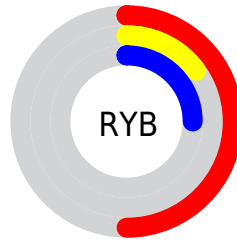
The YIQ color **68.4610, 45.0190, 26.6430** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **98.5390, -45.0190, -26.6430**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7990, 49.8790, 26.6710**, and **24.6340, 37.0420, 22.5300** is the 20% darker color. If you saturate the color by 10%, you get **59.8040, 51.4830, 30.6430**, and if you desaturate by 10%, it is **77.1180, 38.5550, 22.6430**.

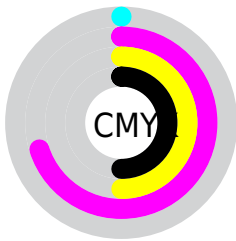
Distribution



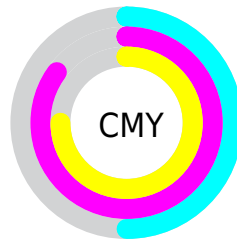
- Red (50%)
- Green (15%)
- Blue (25%)



- Red (50%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.4610, 45.0190, 26.6430 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 68.4610, 45.0190, 26.6430 by changing the saturation by 10% instead.

■ 68.4610, 45.0190,
26.6430

■ 68.4610, 45.0190,
26.6430

■ 255.0000, -0.0000,
-0.0000

■ 40.2700, 44.2390,
29.7670

■ 120.9130, 49.5580,
26.9820

■ 24.6340, 37.0420,
22.5300

■ 147.6960, 51.6670,
27.3070

■ 15.4770, 29.7540,
11.4340

■ 175.1800, 53.1800,
27.4200

■ 0.0000, 0.0000,
0.0000

■ 197.6950, 44.2400,
24.2400

■ 217.3230, 27.5520,
18.3040

■ 237.5380, 10.5890,

11.8450

■ 68.4610, 45.0190,
26.6430

■ 68.4610, 45.0190,
26.6430

■ 59.8040, 51.4830,
30.6430

■ 77.1180, 38.5550,
22.6430

■ 51.1470, 57.9470,
34.6430

■ 85.7750, 32.0910,
18.6430

■ 42.9630, 64.4570,
37.8090

■ 93.9590, 25.5810,
15.4770

■ 42.3760, 64.7320,
38.3320

■ 102.6160, 19.1170,
11.4770

■ 111.2730, 12.6530,
7.4770

■ 119.9300, 6.1890,
3.4770

■ 128.5870, -0.2750,
-0.5230

■ 136.7710, -6.7850,
-3.6890

■ 145.4280,
-13.2490, -7.6890

Harmonies

Analogous

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



72.0430, 25.9450, 30.9130



68.4610, 45.0190, 26.6430



68.8290, 49.1940, 11.5460

Triad

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



68.4610, 45.0190, 26.6430



62.5270, -1.1870, -28.0590



62.4810, -64.3260, -1.6220

Complementary

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



68.4610, 45.0190, 26.6430



98.5390, -45.0190, -26.6430

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.



62.4350, -58.6850, -10.2450



68.4610, 45.0190, 26.6430



55.2530, -38.4620, -29.8380

Square

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



68.4610, 45.0190, 26.6430



66.4720, 27.0090, -21.4310



59.6020, -49.3300, -20.0980



57.6540, -63.1350, 4.3290

Rectangle

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



68.4610, 45.0190, 26.6430



68.6570, 46.2620, -1.4020



59.6020, -49.3300, -20.0980



62.9710, -62.9500, -4.5340

Sweetspot

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



68.4610, 45.0190, 26.6430



142.6050, 17.6500, 10.5300



68.2820, 9.5750, 41.2470



69.9630, 10.5900, 6.3180



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



68.4610, 45.0190, 26.6430



73.7080, 69.7290, 41.3850



76.7640, 47.8190, 8.9310



59.3210, 3.5300, 2.1060



42.3760, 64.7320, 38.3320



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.4610, 45.0190, 26.6430



73.7080, 69.7290, 41.3850



90.2360, -47.8190, -8.9310



59.3210, 3.5300, 2.1060



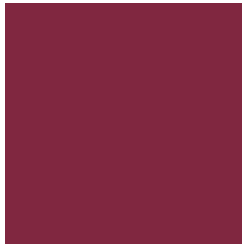
42.3760, 64.7320, 38.3320



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 68.4610, 45.0190, 26.6430 looks on a white background.

Color Contrast Check

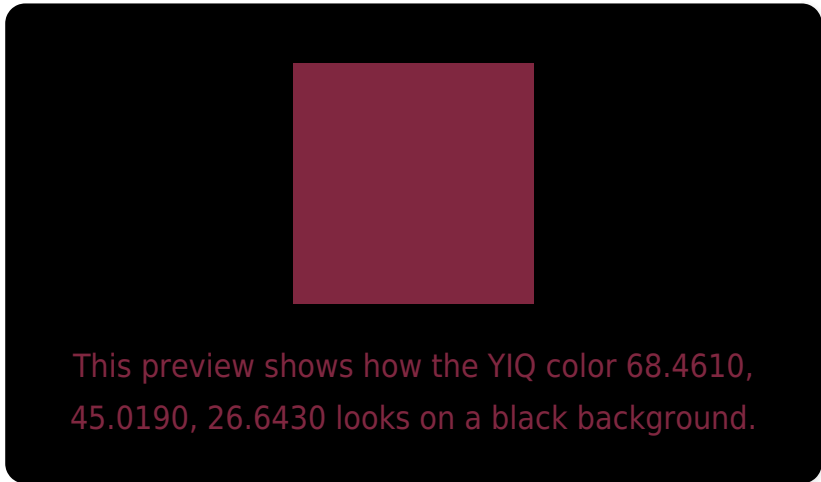
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.4610, 45.0190, 26.6430

Background



This preview shows how black text looks on a background with the YIQ color 68.4610, 45.0190, 26.6430.



This preview shows how white text looks on a background with the YIQ color 68.4610, 45.0190,

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

68.4610, 45.0190, 26.6430

Protanopia

72.8410, -3.8060, 2.8980

Deuteranopia

73.0460, 11.5540, -0.1420



Tritanopia

68.3440, 49.4220, 18.4300

Trichromacy



Original Color

68.4610, 45.0190, 26.6430

Protanomaly

71.2780, 14.2570, 11.4490

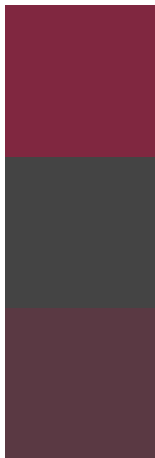
Deuteranomaly

71.4870, 23.7940, 9.3140

Tritanomaly

68.5550, 47.4500, 21.1300

Monochromacy



Original Color

68.4610, 45.0190, 26.6430

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.0070, 16.4580, 10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.4610, 45.0190, 26.6430 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(128, 39, 64)` looks like.

```
.text, #text, p{  
    color:rgb(128, 39, 64)  
}
```

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(128, 39, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 39, 64) }
```

Border

The CSS property to change the border of an element to YIQ 68.4610, 45.0190, 26.6430 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(128, 39, 64) }
```


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

```
.border{ border-color:rgb(128, 39, 64) }
```

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

Here you see how a box with a 4 pixel rgb(128, 39, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 39, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 39, 64);  
box-shadow:4px 4px 4px 4px rgb(128, 39,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 68.4610, 45.0190, 26.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 39, 64) }
```

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

```
.background{ background-color: rgb(128, 39,  
64) }
```

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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