

Converting Colors

YIQ(63.6930, 46.5810, 9.3410)

Have a look what the booklet for
YIQ(63.6930, 46.5810, 9.3410)
contains.

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Color

**YIQ(63.6930, 46.5810,
9.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	722D1C
RGB	114, 45, 28
RGB Percent	45%, 18%, 11%
CMY	0.5528, 0.8236, 0.8900
CMYK	0.00, 0.61, 0.75, 0.55
HSL	12°, 61%, 28%
HSV	12°, 75%, 45%
XYZ	8.0920, 5.5387, 1.7444
YIQ	63.6930, 46.5810, 9.3410

Conversions

Conversions Part 2

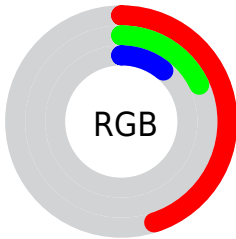
Format	Color
RYB	114, 49, 28
Decimal	7482652
CIELab	28.22, 29.37, 25.82
CIELCh	28, 39.103, 41.321
Yxy	5.5387, 0.5263, 0.3602
Android (android.graphics.Color)	4285672732 (0xFF722D1C)
YUV	63.6930, -17.5966, 44.1192
Hunter-Lab	23.5344, 20.1899, 12.0795

Details

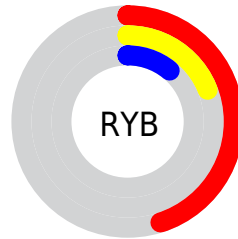
The YIQ color **63.6930, 46.5810, 9.3410** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **78.3070, -46.5810, -9.3410**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.9280, 53.2290, 10.0050**, and **17.9400, 35.7600, 12.7200** is the 20% darker color. If you saturate the color by 10%, you get **57.1560, 52.5870, 10.6270**, and if you desaturate by 10%, it is **70.2300, 40.5750, 8.0550**.

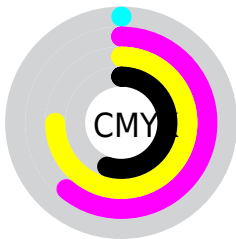
Distribution



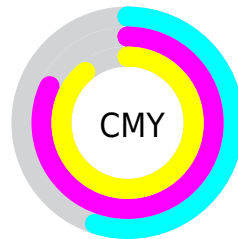
- Red (45%)
- Green (18%)
- Blue (11%)



- Red (45%)
- Yellow (19%)
- Blue (11%)



- Cyan (0%)
- Magenta (61%)
- Yellow (75%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.6930, 46.5810, 9.3410 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 63.6930, 46.5810, 9.3410 by changing the saturation by 10% instead.

■ 63.6930, 46.5810,
9.3410

■ 63.6930, 46.5810,
9.3410

255.0000, -0.0000,
-0.0000

■ 38.7960, 44.7930,
8.7050

■ 113.9280, 53.2290,
10.0050

■ 17.9400, 35.7600,
12.7200

■ 140.5970, 55.6590,
10.0190

■ 10.5790, 20.5390,
7.7310

■ 167.3800, 57.7680,
10.3440

■ 0.0000, 0.0000,
0.0000

■ 193.9670, 57.4930,
9.8210

■ 212.8940, 41.4010,
4.0970

■ 232.9950, 24.7590,

-2.6730

■ 252.0360, 8.3460,
-8.0860

■ 63.6930, 46.5810,
9.3410

■ 63.6930, 46.5810,
9.3410

■ 57.1560, 52.5870,
10.6270

■ 70.2300, 40.5750,
8.0550

■ 50.5050, 58.9140,
11.6020

■ 76.8810, 34.2480,
7.0800

■ 47.0000, 61.8940,
12.6620

■ 83.4180, 28.2420,
5.7940

■ 90.6560, 21.6400,
4.2960

■ 97.1930, 15.6340,
3.0100

■ 103.7300, 9.6280,
1.7240

■ 110.3810, 3.3010,
0.7490

■ 116.9180, -2.7050,
-0.5370

■ 123.5690, -9.0320,
-1.5120

Harmonies

Analogous

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



63.3960, 43.6440, 24.0280



63.6930, 46.5810, 9.3410



63.0920, 40.3030, -9.0490

Triad

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



63.6930, 46.5810, 9.3410



51.6170, -36.4910, -27.0110



57.5910, -49.6560, 7.8480

Complementary

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



63.6930, 46.5810, 9.3410



78.3070, -46.5810, -9.3410

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.



58.1610, -60.4290, -0.6610



63.6930, 46.5810, 9.3410



55.8520, -47.0380, -17.5820

Square

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



63.6930, 46.5810, 9.3410



57.6130, -4.3050, -26.6170



58.4570, -55.7510, -8.3510



68.3970, -1.6550, 24.4970

Rectangle

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



63.6930, 46.5810, 9.3410



62.6620, 29.5300, -17.5580



58.4570, -55.7510, -8.3510



55.5680, -60.0170, 2.8870

Sweetspot

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



63.6930, 46.5810, 9.3410



128.2750, 18.3390, 3.5470



61.6940, 28.7860, 40.0020



61.6270, 11.4160, 2.3600



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.



63.6930, 46.5810, 9.3410



70.0290, 72.1180, 14.5980



88.3470, 35.0310, -12.6250



52.9680, 3.0260, 0.2260



49.9680, 64.9200, 12.8880



102.6160, 133.7370, 26.7370

Inverse Universe

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



78.3070, -46.5810, -9.3410



92.9710, -72.1180, -14.5980



53.6530, -35.0310, 12.6250



53.6190, -3.3010, -0.7490



70.0320, -64.9200, -12.8880



144.9710, -134.0120, -27.2600

Previews

White Background



This preview shows how the YIQ color 63.6930, 46.5810, 9.3410 looks on a white background.

Color Contrast Check

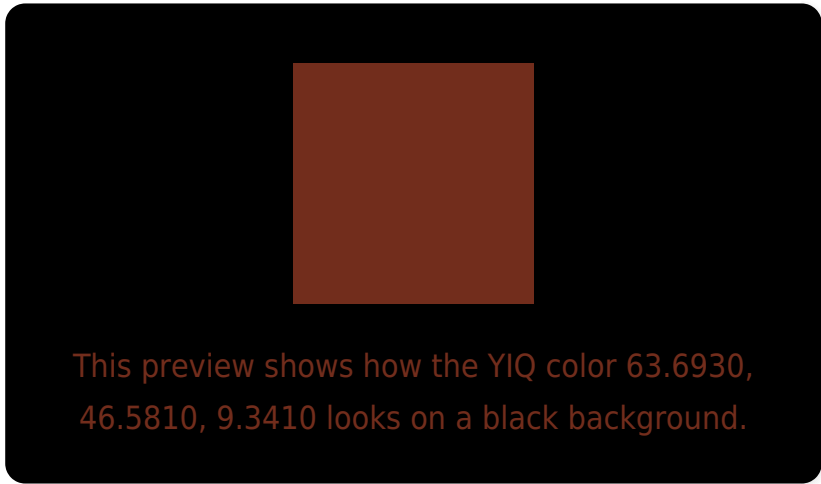
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6930, 46.5810, 9.3410

Background



This preview shows how black text looks on a background with the YIQ color 63.6930, 46.5810, 9.3410.

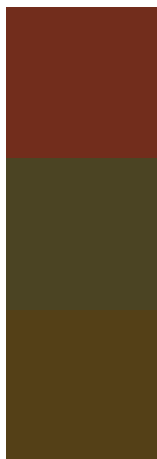


This preview shows how white text looks on a background with the YIQ color 63.6930, 46.5810,

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

63.6930, 46.5810, 9.3410

Protanopia

66.3310, 14.7650, -8.7790

Deuteranopia

65.3060, 25.0810, -8.5110



Tritanopia

64.7560, 42.2700, 15.8860

Trichromacy



Original Color

63.6930, 46.5810, 9.3410

Protanomaly

65.4790, 26.2720, -2.5600

Deuteranomaly

64.7140, 32.9200, -1.8960

Tritanomaly

64.6590, 43.9210, 13.4970

Monochromacy



Original Color

63.6930, 46.5810, 9.3410

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.7910, 16.8260, 3.4340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6930, 46.5810, 9.3410 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(114, 45, 28)` looks like.

```
.text, #text, p{  
    color:rgb(114, 45, 28)  
}
```

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(114, 45, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 45, 28) }
```

Border

The CSS property to change the border of an element to YIQ 63.6930, 46.5810, 9.3410 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(114, 45, 28) }
```


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

```
.border{ border-color:rgb(114, 45, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 45, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 45, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 45, 28);  
box-shadow:4px 4px 4px 4px rgb(114, 45,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 63.6930, 46.5810, 9.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 45, 28) }
```

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

```
.background{ background-color: rgb(114, 45,  
28) }
```

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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