

Converting Colors

YIQ(67.5450, 61.4370, 4.4210)

Have a look what the booklet for
YIQ(67.5450, 61.4370, 4.4210)
contains.

YIQ(67.5450, 61.4370, 4.4210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(67.5450, 61.4370,
4.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	813007
RGB	129, 48, 7
RGB Percent	51%, 19%, 3%
CMY	0.4940, 0.8119, 0.9723
CMYK	0.00, 0.63, 0.95, 0.49
HSL	20°, 90%, 27%
HSV	20°, 95%, 51%
XYZ	10.1540, 6.7971, 0.9798
YIQ	67.5450, 61.4370, 4.4210

Conversions

Conversions Part 2

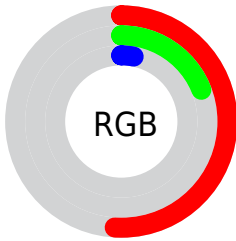
Format	Color
R_{YB}	129, 69, 7
Decimal	8466439
CIE Lab	31.34, 33.19, 40.02
CIE LCh	31, 51.996, 50.327
Yxy	6.7971, 0.5663, 0.3791
Android (android.graphics.Color)	4286656519 (0xFF813007)
YUV	67.5450, -29.8487, 53.8960
Hunter-Lab	26.0712, 23.8964, 16.0216

Details

The YIQ color **67.5450, 61.4370, 4.4210** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **68.4550, -61.4370, -4.4210**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4210, 67.7180, 6.2300**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **63.8120, 65.0590, 4.8590**, and if you desaturate by 10%, it is **74.3100, 54.7890, 3.7570**.

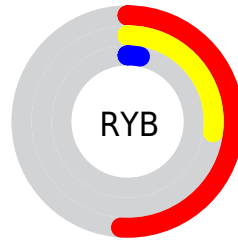
Distribution



Red (51%)

Green (19%)

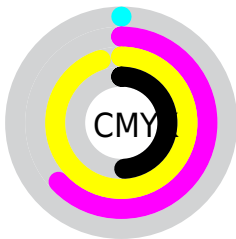
Blue (3%)



Red (51%)

Yellow (27%)

Blue (3%)

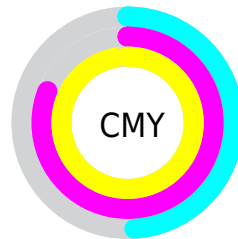


Cyan (0%)

Magenta (63%)

Yellow (95%)

Black (49%)



Cyan (49%)

Magenta (81%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.5450, 61.4370, 4.4210 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 67.5450, 61.4370, 4.4210 by changing the saturation by 10% instead.

67.5450, 61.4370,
4.4210

67.5450, 61.4370,
4.4210

253.1760, 5.1360,
-4.9760

43.7000, 53.8710,
9.3830

119.4210, 67.7180,
6.2300

21.5280, 42.9120,
15.2640

146.3890, 70.7440,
6.4560

14.1670, 27.6910,
10.2750

173.6560, 74.3660,
6.8940

0.0000, 0.0000,
0.0000

194.2630, 62.1710,
2.1310

213.6630, 46.1250,
-4.4270

233.7640, 29.4830,

-11.1970

249.8700, 14.4450,
-13.9950

67.5450, 61.4370,
4.4210

67.5450, 61.4370,
4.4210

63.8120, 65.0590,
4.8590

74.3100, 54.7890,
3.7570

80.4880, 48.4160,
3.6160

87.2530, 41.7680,
2.9520

93.4310, 35.3950,
2.8110

100.1960, 28.7470,
2.1470

■ 106.2600, 22.6950,
1.6950

■ 113.0250, 16.0470,
1.0310

■ 119.7900, 9.3990,
0.3670

■ 125.9680, 3.0260,
0.2260

Harmonies

Analogous

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



62.9040, 62.9450, 32.1690



67.5450, 61.4370, 4.4210



69.8270, 42.3670, -13.4170

Triad

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



67.5450, 61.4370, 4.4210



59.5560, -43.6890, -28.7210



67.5840, -47.7780, 17.8700

Complementary

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



67.5450, 61.4370, 4.4210



68.4550, -61.4370, -4.4210

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.



66.3910, -72.5800, 4.7960



67.5450, 61.4370, 4.4210



64.9310, -57.4460, -16.1820

Square

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



67.5450, 61.4370, 4.4210



52.6650, -28.4190, -41.1470



67.7470, -68.1310, -4.2510



74.2450, 10.9970, 37.5010

Rectangle

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



67.5450, 61.4370, 4.4210



67.9340, 25.5880, -23.2120



67.7470, -68.1310, -4.2510



61.1080, -70.1050, 9.5030

Sweetspot

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



67.5450, 61.4370, 4.4210



144.4450, 23.6120, 1.5960



52.7120, 46.7110, 51.0550



69.6550, 14.2130, 1.2290



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.



67.5450, 61.4370, 4.4210



83.1040, 84.7280, 6.3280



103.3520, 44.6620, -27.4820



60.8540, 3.3470, -0.0850



63.5130, 64.4630, 4.6470



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.4550, -61.4370, -4.4210



84.8960, -84.7280, -6.3280



32.6480, -44.6620, 27.4820



60.7330, -3.6220, -0.4380



64.4870, -64.4630, -4.6470



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 67.5450, 61.4370, 4.4210 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 67.5450, 61.4370, 4.4210

Background



This preview shows how black text looks on a background with the YIQ color 67.5450, 61.4370, 4.4210.



This preview shows how white text looks on a background with the YIQ color 67.5450, 61.4370,

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

67.5450, 61.4370, 4.4210

Protanopia

70.8510, 24.6240, -16.7520

Deuteranopia

70.0820, 37.0950, -16.9930



Tritanopia

70.6430, 50.0180, 18.6420

Trichromacy



Original Color

67.5450, 61.4370, 4.4210

Protanomaly

69.4230, 37.8730, -9.0630

Deuteranomaly

69.3160, 45.4840, -9.3320

Tritanomaly

69.5200, 54.5580, 13.4540

Monochromacy



Original Color

67.5450, 61.4370, 4.4210

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9610, 22.0990, 1.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.5450, 61.4370, 4.4210 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(129, 48, 7)` looks like.

```
.text, #text, p{  
    color:rgb(129, 48, 7)  
}
```

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(129, 48, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 48, 7) }
```

Border

The CSS property to change the border of an element to YIQ 67.5450, 61.4370, 4.4210 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(129, 48, 7) }
```


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

```
.border{ border-color:rgb(129, 48, 7) }
```

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

Here you see how a box with a 4 pixel rgb(129, 48, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 48, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 48, 7);  
box-shadow:4px 4px 4px 4px rgb(129, 48, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.5450, 61.4370, 4.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 48, 7) }
```

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

```
.background{ background-color: rgb(129, 48,  
7) }
```

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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