

Converting Colors

YIQ(50.8590, 66.8450, 16.5490)

Have a look what the booklet for
YIQ(50.8590, 66.8450, 16.5490)
contains.

YIQ(50.8590, 66.8450, 16.5490)	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(50.8590, 66.8450,
16.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	7D1605
RGB	125, 22, 5
RGB Percent	49%, 9%, 2%
CMY	0.5096, 0.9139, 0.9801
CMYK	0.00, 0.82, 0.96, 0.51
HSL	8°, 92%, 26%
HSV	8°, 96%, 49%
XYZ	8.7800, 4.9478, 0.6379
YIQ	50.8590, 66.8450, 16.5490

Conversions

Conversions Part 2

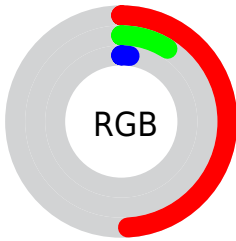
Format	Color
RYB	125, 25, 5
Decimal	8197637
CIELab	26.59, 42.47, 36.71
CIElCh	27, 56.137, 40.844
Yxy	4.9478, 0.6112, 0.3444
Android (android.graphics.Color)	4286387717 (0xFF7D1605)
YUV	50.8590, -22.6085, 65.0217
Hunter-Lab	22.2435, 31.5319, 13.8702

Details

The YIQ color **50.8590, 66.8450, 16.5490** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.1410, -66.8450, -16.5490**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.7410, 72.9890, 15.3330**, and **20.0330, 39.9320, 14.2040** is the 20% darker color. If you saturate the color by 10%, you get **47.9410, 69.5500, 17.0860**, and if you desaturate by 10%, it is **58.7980, 59.6470, 14.8390**.

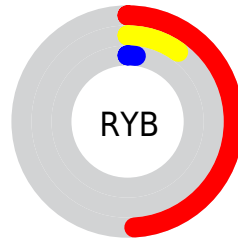
Distribution



Red (49%)

Green (9%)

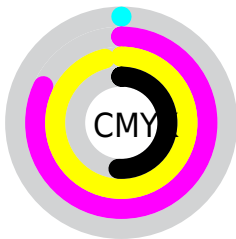
Blue (2%)



Red (49%)

Yellow (10%)

Blue (2%)

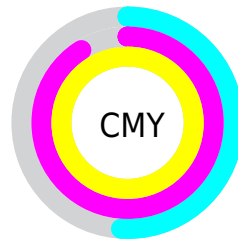


Cyan (0%)

Magenta (82%)

Yellow (96%)

Black (51%)



Cyan (51%)

Magenta (91%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.8590, 66.8450, 16.5490 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 50.8590, 66.8450, 16.5490 by changing the saturation by 10% instead.

■ 50.8590, 66.8450,
16.5490

■ 50.8590, 66.8450,
16.5490

■ 252.3780, 7.3830,
-7.1530

■ 28.7040, 57.2160,
20.3520

■ 105.7410, 72.9890,
15.3330

■ 20.0330, 39.9320,
14.2040

■ 132.5950, 76.3360,
15.2480

■ 12.3730, 24.1150,
9.0030

■ 159.8620, 79.9580,
15.6860

■ 0.0000, 0.0000,
0.0000

■ 181.3660, 69.5510,
11.5590

■ 200.7660, 53.5050,
5.0010

■ 220.1660, 37.4590,

-1.5570

■ 240.3810, 20.4960,
-8.0160

■ 50.8590, 66.8450,
16.5490

■ 50.8590, 66.8450,
16.5490

■ 47.9410, 69.5500,
17.0860

■ 58.7980, 59.6470,
14.8390

■ 66.0360, 53.0450,
13.3410

■ 73.9750, 45.8470,
11.6310

■ 81.8000, 38.9700,
9.6100

■ 89.7390, 31.7720,
7.9000

■ 96.9770, 25.1700,
6.4020

■ 104.9160, 17.9720,
4.6920

■ 112.7410, 11.0950,
2.6710

■ 120.6800, 3.8970,
0.9610

Harmonies

Analogous

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



46.0650, 64.4100, 44.1700



50.8590, 66.8450, 16.5490



59.2500, 45.8500, -4.9500

Triad

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



50.8590, 66.8450, 16.5490



50.0210, -31.9970, -31.3650



54.5540, -65.4290, 12.8670

Complementary

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



50.8590, 66.8450, 16.5490



79.1410, -66.8450, -16.5490

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.



60.5550, -67.1700, 5.8700



50.8590, 66.8450, 16.5490



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.



50.8590, 66.8450, 16.5490



44.9220, -18.8370, -38.5890



60.5260, -60.1990, -4.8310



63.5790, -4.6830, 35.3250

Rectangle

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



50.8590, 66.8450, 16.5490



59.4170, 28.8420, -16.1020



60.5260, -60.1990, -4.8310



57.6030, -67.1250, 10.5630

Sweetspot

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



50.8590, 66.8450, 16.5490



134.1620, 26.0870, 6.3030



52.7360, 38.1360, 57.7840



64.0190, 16.1840, 4.0560



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



50.8590, 66.8450, 16.5490



62.2380, 90.8230, 22.5270



85.4920, 50.6200, -14.3080



59.6800, 3.8970, 0.9610



48.8380, 71.3380, 17.7220



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.1410, -66.8450, -16.5490



100.7620, -90.8230, -22.5270



44.5080, -50.6200, 14.3080



61.3200, -3.8970, -0.9610



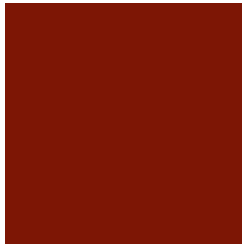
79.1620, -71.3380, -17.7220



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 50.8590, 66.8450, 16.5490 looks on a white background.

Color Contrast Check

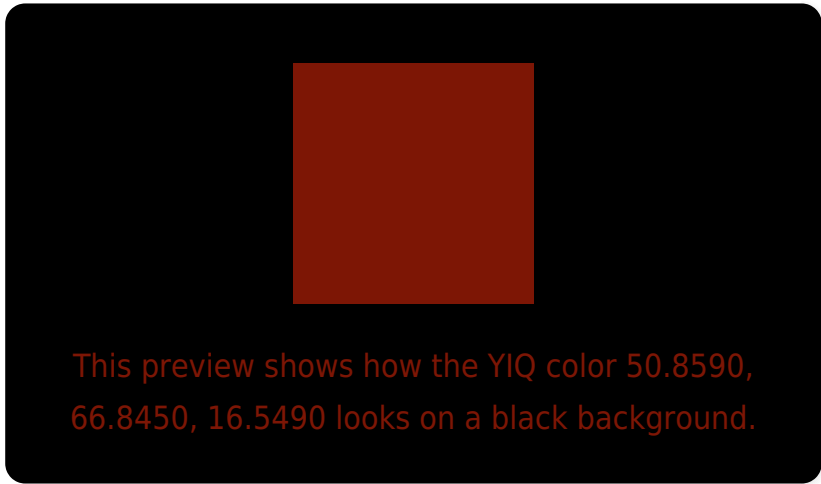
Large Text (above 18pt) WCAG AA ✓ Pass

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

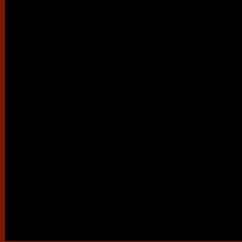
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.8590, 66.8450, 16.5490

Background



This preview shows how black text looks on a background with the YIQ color 50.8590, 66.8450, 16.5490.



This preview shows how white text looks on a background with the YIQ color 50.8590, 66.8450,

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

50.8590, 66.8450, 16.5490

Protanopia

61.8060, 20.4970, -13.5430

Deuteranopia

60.9120, 31.8220, -15.0420



Tritanopia

51.9820, 62.3050, 21.7370

Trichromacy



Original Color

50.8590, 66.8450, 16.5490

Protanomaly

57.6390, 37.5050, -2.3910

Deuteranomaly

57.1190, 44.8410, -3.1830

Tritanomaly

51.4120, 63.9100, 20.1820

Monochromacy



Original Color

50.8590, 66.8450, 16.5490

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.6780, 24.5740, 6.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.8590, 66.8450, 16.5490 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(125, 22, 5)` looks like.

```
.text, #text, p{  
    color:rgb(125, 22, 5)  
}
```

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(125, 22, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 22, 5) }
```

Border

The CSS property to change the border of an element to YIQ 50.8590, 66.8450, 16.5490 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(125, 22, 5) }
```


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

```
.border{ border-color:rgb(125, 22, 5) }
```

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

Here you see how a box with a 4 pixel rgb(125, 22, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 22, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 22, 5);  
box-shadow:4px 4px 4px 4px rgb(125, 22, 5)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.8590, 66.8450, 16.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 22, 5) }
```

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

```
.background{ background-color: rgb(125, 22,  
5) }
```

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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