

Converting Colors

YIQ(69.4780, 54.3760, 5.7360)

Have a look what the booklet for
YIQ(69.4780, 54.3760, 5.7360)
contains.

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Color

**YIQ(69.4780, 54.3760,
5.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3313
RGB	125, 51, 19
RGB Percent	49%, 20%, 7%
CMY	0.5096, 0.8001, 0.9252
CMYK	0.00, 0.59, 0.85, 0.51
HSL	18°, 74%, 28%
HSV	18°, 85%, 49%
XYZ	9.7638, 6.7751, 1.4120
YIQ	69.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

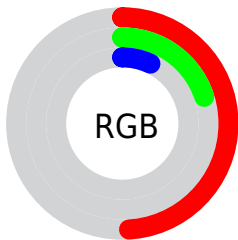
Format	Color
R_{YB}	125, 65, 19
Decimal	8205075
CIE _{Lab}	31.29, 30.34, 34.55
CIE _{LCh}	31, 45.975, 48.713
Yxy	6.7751, 0.5439, 0.3774
Android (android.graphics.Color)	4286395155 (0xFF7D3313)
YUV	69.4780, -24.8857, 48.6928
Hunter-Lab	26.0291, 21.4065, 15.0041

Details


The YIQ color **69.4780, 54.3760, 5.7360** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **74.5220, -54.3760, -5.7360**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7130, 61.0240, 6.4000**, and **21.8050, 40.5740, 13.5820** is the 20% darker color. If you saturate the color by 10%, you get **62.8270, 60.7030, 6.7110**, and if you desaturate by 10%, it is **76.2430, 47.7280, 5.0720**.

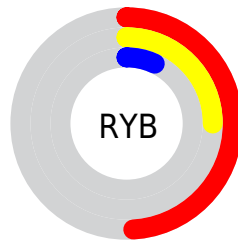
Distribution



 Red (49%)

 Green (20%)

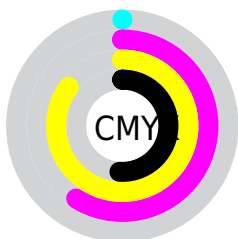
 Blue (7%)




 Red (49%)

 Yellow (25%)

 Blue (7%)

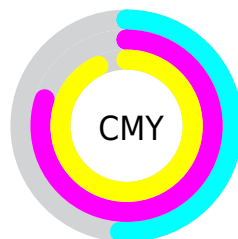


 Cyan (0%)

 Magenta (59%)

 Yellow (85%)

 Black (51%)



 Cyan (51%)

 Magenta (80%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.4780, 54.3760, 5.7360 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 69.4780, 54.3760, 5.7360 by changing the saturation by 10% instead.

■ 69.4780, 54.3760,
5.7360

■ 69.4780, 54.3760,
5.7360

■ 254.4300, 1.6050,
-1.5550

■ 44.8520, 50.3870,
6.4430

■ 120.7130, 61.0240,
6.4000

■ 21.8050, 40.5740,
13.5820

■ 147.0940, 64.3250,
7.1490

■ 13.5690, 26.4990,
9.8510

■ 174.7630, 66.7550,
7.1630

■ 0.0000, 0.0000,
0.0000

■ 197.1640, 58.1360,
3.6720

■ 216.6780, 41.7690,
-2.5750

■ 236.1920, 25.4020,

-8.8220

■ 251.1240, 10.9140,
-10.5740

■ 69.4780, 54.3760,
5.7360

■ 69.4780, 54.3760,
5.7360

■ 62.8270, 60.7030,
6.7110

■ 76.2430, 47.7280,
5.0720

■ 59.6810, 64.0500,
6.6260

■ 82.3070, 41.6760,
4.6200

■ 89.0720, 35.0280,
3.9560

■ 95.7230, 28.7010,
2.9810

■ 102.4880, 22.0530,
2.3170

■ 108.5520, 16.0010,
1.8650

■ 115.3170, 9.3530,
1.2010

■ 121.9680, 3.0260,
0.2260

■ 128.7330, -3.6220,
-0.4380

Harmonies

Analogous

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



68.1370, 54.7390, 26.6990



69.4780, 54.3760, 5.7360



69.5280, 41.7710, -13.6290

Triad

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



69.4780, 54.3760, 5.7360



58.8550, -43.0930, -28.5090



68.9390, -41.5880, 15.8200

Complementary

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



69.4780, 54.3760, 5.7360



74.5220, -54.3760, -5.7360

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.



64.6640, -69.0950, 2.2090



69.4780, 54.3760, 5.7360



63.7740, -55.5660, -17.2140

Square

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



69.4780, 54.3760, 5.7360



58.5570, -19.0670, -34.4190



66.1340, -64.9670, -6.5270



75.8160, 7.6510, 32.0590

Rectangle

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



69.4780, 54.3760, 5.7360



67.9450, 27.0550, -22.2650



66.1340, -64.9670, -6.5270



60.5550, -67.1700, 5.8700

Sweetspot

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



69.4780, 54.3760, 5.7360



141.8900, 20.8610, 1.8930



59.1300, 39.4220, 45.4860



68.5840, 12.9750, 1.6390



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.



69.4780, 54.3760, 5.7360



77.5000, 83.6730, 8.9290



100.5890, 39.8010, -21.9830



60.2670, 3.6220, 0.4380



60.5780, 65.8380, 7.2620



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.5220, -54.3760, -5.7360



85.5000, -83.6730, -8.9290



43.4110, -39.8010, 21.9830



60.7330, -3.6220, -0.4380



66.8350, -65.5630, -6.7390



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 69.4780, 54.3760, 5.7360 looks on a white background.

Color Contrast Check

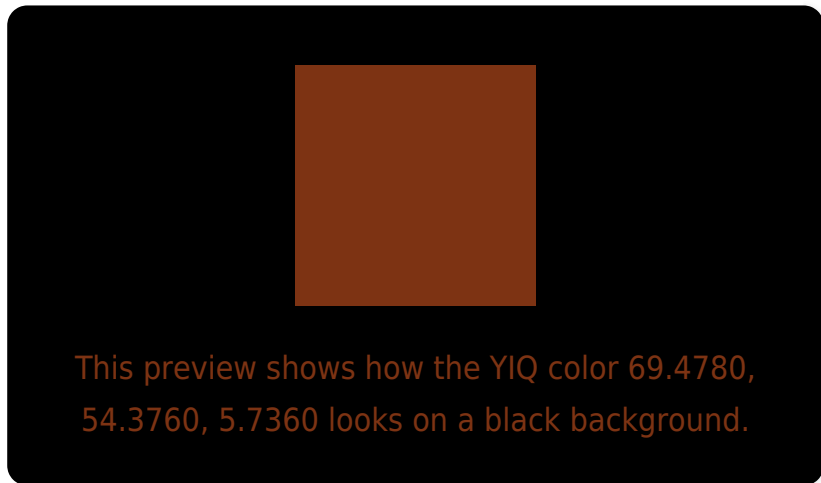
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.4780, 54.3760, 5.7360

Background



This preview shows how black text looks on a background with the YIQ color 69.4780, 54.3760, 5.7360.



This preview shows how white text looks on a background with the YIQ color 69.4780, 54.3760,

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

69.4780, 54.3760, 5.7360

Protanopia

71.6920, 20.8180, -13.8540

Deuteranopia

70.8090, 33.6100, -14.4060



Tritanopia

71.6640, 45.5250, 17.4690

Trichromacy



Original Color

69.4780, 54.3760, 5.7360

Protanomaly

70.6660, 32.8750, -6.5890

Deuteranomaly

70.4450, 40.8070, -7.1690

Tritanomaly

70.8830, 49.1020, 13.2140

Monochromacy



Original Color

69.4780, 54.3760, 5.7360

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.8190, 19.6230, 2.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.4780, 54.3760, 5.7360 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, 51, 19)` looks like.

```
.text, #text, p{  
    color:rgb(125, 51, 19)  
}
```

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, 51, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 51, 19) }
```

Border

The CSS property to change the border of an element to YIQ 69.4780, 54.3760, 5.7360 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, 51, 19) }
```


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

```
.border{ border-color:rgb(125, 51, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 51, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 51, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 51, 19);  
box-shadow:4px 4px 4px 4px rgb(125, 51,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 69.4780, 54.3760, 5.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 51, 19) }
```

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

```
.background{ background-color: rgb(125, 51,  
19) }
```

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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