

Converting Colors

YIQ(75.4760, 39.5220, -0.3980)

Have a look what the booklet for
YIQ(75.4760, 39.5220, -0.3980)
contains.

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Color

**YIQ(75.4760, 39.5220,
-0.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	71411F
RGB	113, 65, 31
RGB Percent	44%, 25%, 12%
CMY	0.5568, 0.7452, 0.8782
CMYK	0.00, 0.43, 0.73, 0.56
HSL	25°, 57%, 28%
HSV	25°, 73%, 44%
XYZ	8.9502, 7.3897, 2.2542
YIQ	75.4760, 39.5220, -0.3980

Conversions

Conversions Part 2

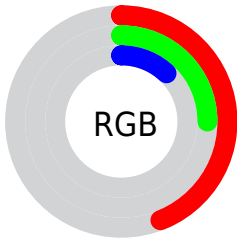
Format	Color
RYB	113, 89, 31
Decimal	7422239
CIELab	32.68, 17.66, 29.01
CIELCh	33, 33.961, 58.676
Yxy	7.3897, 0.4813, 0.3974
Android (android.graphics.Color)	4285612319 (0xFF71411F)
YUV	75.4760, -21.9267, 32.9085
Hunter-Lab	27.1841, 11.1979, 14.1123

Details

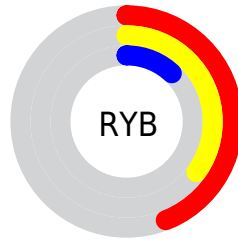
The YIQ color **75.4760, 39.5220, -0.3980** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.5240, -39.5220, 0.3980**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.3410, 44.3360, 0.4640**, and **30.5660, 30.5810, 1.9490** is the 20% darker color. If you saturate the color by 10%, you get **70.1130, 44.9780, -0.1580**, and if you desaturate by 10%, it is **80.8390, 34.0660, -0.6380**.

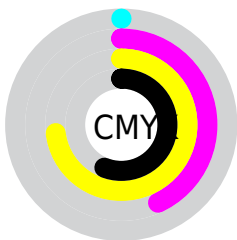
Distribution



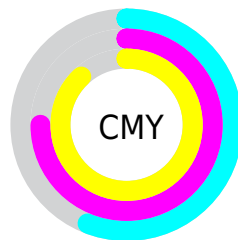
- Red (44%)
- Green (25%)
- Blue (12%)



- Red (44%)
- Yellow (35%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.4760, 39.5220, -0.3980 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 75.4760, 39.5220, -0.3980 by changing the saturation by 10% instead.

■ 75.4760, 39.5220,
-0.3980

■ 75.4760, 39.5220,
-0.3980

■ 255.0000, -0.0000,
-0.0000

■ 51.8670, 36.8630,
-1.7690

■ 125.3410, 44.3360,
0.4640

■ 30.5660, 30.5810,
1.9490

■ 152.0100, 46.7660,
0.4780

■ 11.0630, 22.0520,
7.8440

■ 178.7930, 48.8750,
0.8030

■ 0.0000, 0.0000,
0.0000

■ 206.2770, 50.3880,
0.9160

■ 225.7910, 34.0210,
-5.3310

■ 246.0060, 17.0580,

-11.7900

252.7200, 6.4200,
-6.2200

75.4760, 39.5220,
-0.3980

75.4760, 39.5220,
-0.3980

70.1130, 44.9780,
-0.1580

80.8390, 34.0660,
-0.6380

65.2230, 50.4800,
-0.7520

85.7290, 28.5640,
-0.0440

61.3760, 54.4230,
-0.6250

91.0920, 23.1080,
-0.2840

95.8680, 17.9270,
-0.0010

101.3450, 12.1500,
0.0700

■ 106.7080, 6.6940,
-0.1700

■ 111.4840, 1.5130,
0.1130

■ 116.8470, -3.9430,
-0.1270

■ 122.3240, -9.7200,
-0.0560

Harmonies

Analogous

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



76.2890, 42.0870, 13.6950



75.4760, 39.5220, -0.3980



73.8130, 27.7870, -13.5010

Triad

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



75.4760, 39.5220, -0.3980



61.3800, -48.8250, -23.7450



77.9500, -13.7580, 18.0660

Complementary

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



75.4760, 39.5220, -0.3980



68.5240, -39.5220, 0.3980

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.



62.0790, -63.1340, -1.1980



75.4760, 39.5220, -0.3980



64.4580, -57.4920, -15.3480

Square

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



75.4760, 39.5220, -0.3980



65.7990, -22.3240, -24.9480



64.9770, -63.0870, -7.5590



78.8950, 14.4380, 24.6940

Rectangle

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



75.4760, 39.5220, -0.3980



72.4800, 15.3630, -19.6210



64.9770, -63.0870, -7.5590



75.9700, -25.6780, 13.8260

Sweetspot

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



75.4760, 39.5220, -0.3980



133.0850, 15.8180, -0.3260



61.1040, 33.1430, 32.6230



65.3770, 9.1240, -0.1560



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.



75.4760, 39.5220, -0.3980



88.6820, 62.3090, -0.3710



98.9560, 28.5220, -21.3180



53.5550, 2.7510, -0.2970



65.2300, 57.7700, -0.7100



133.7270, 119.1620, -0.9820

Inverse Universe

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



68.5240, -39.5220, 0.3980



78.3180, -62.3090, 0.3710



45.0440, -28.5220, 21.3180



53.0320, -3.0260, -0.2260



54.7700, -57.7700, 0.7100



113.2730, -119.1620, 0.9820

Previews

White Background



This preview shows how the YIQ color 75.4760, 39.5220, -0.3980 looks on a white background.

Color Contrast Check

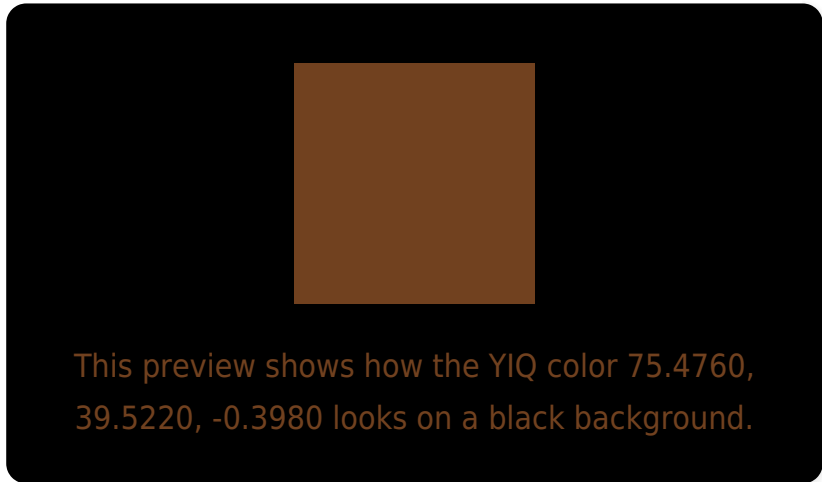
Large Text (above 18pt) WCAG AA ✓ Pass

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

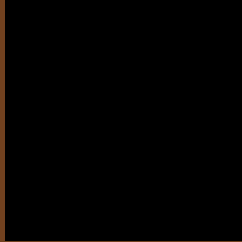
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.4760, 39.5220, -0.3980

Background



This preview shows how black text looks on a background with the YIQ color 75.4760, 39.5220, -0.3980.



This preview shows how white text looks on a background with the YIQ color 75.4760, 39.5220,

-0.3980.

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

75.4760, 39.5220, -0.3980

Protanopia

75.4900, 18.5710, -11.6770

Deuteranopia

75.7470, 28.1530, -9.1190



Tritanopia

77.7160, 30.5790, 13.0030

Trichromacy



Original Color

75.4760, 39.5220, -0.3980

Protanomaly

75.4310, 26.2270, -7.2530

Deuteranomaly

75.8940, 32.2330, -5.9670

Tritanomaly

76.5220, 33.8810, 8.2250

Monochromacy



Original Color

75.4760, 39.5220, -0.3980

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.4760, 39.5220, -0.3980 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(113, 65, 31)` looks like.

```
.text, #text, p{  
    color:rgb(113, 65, 31)  
}
```

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(113, 65, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 65, 31) }
```

Border

The CSS property to change the border of an element to YIQ 75.4760, 39.5220, -0.3980 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(113, 65, 31) }
```


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

```
.border{ border-color:rgb(113, 65, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 65, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 65, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 65, 31);  
box-shadow:4px 4px 4px 4px rgb(113, 65,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 75.4760, 39.5220, -0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 65, 31) }
```

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

```
.background{ background-color: rgb(113, 65,  
31) }
```

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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