

Converting Colors

YIQ(75.6710, 34.4790, -2.6170)

Have a look what the booklet for
YIQ(75.6710, 34.4790, -2.6170)
contains.

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Color

**YIQ(75.6710, 34.4790,
-2.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4421
RGB	107, 68, 33
RGB Percent	42%, 27%, 13%
CMY	0.5803, 0.7334, 0.8704
CMYK	0.00, 0.36, 0.69, 0.58
HSL	28°, 53%, 27%
HSV	28°, 69%, 42%
XYZ	8.4068, 7.3692, 2.4212
YIQ	75.6710, 34.4790, -2.6170

Conversions

Conversions Part 2

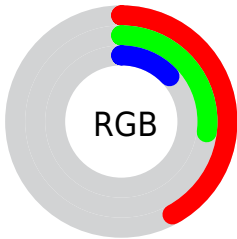
Format	Color
R_{YB}	107, 99, 33
Decimal	7029793
CIE _{Lab}	32.63, 13.15, 27.61
CIE _{LCh}	33, 30.581, 64.531
Yxy	7.3692, 0.4620, 0.4050
Android (android.graphics.Color)	4285219873 (0xFF6B4421)
YUV	75.6710, -21.0368, 27.4755
Hunter-Lab	27.1463, 7.7728, 13.7142

Details

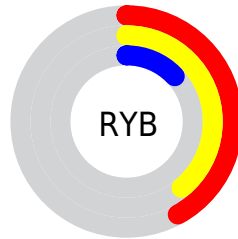
The YIQ color **75.6710, 34.4790, -2.6170** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **64.3290, -34.4790, 2.6170**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2370, 38.6970, -1.9670**, and **31.4190, 26.5010, -1.2030** is the 20% darker color. If you saturate the color by 10%, you get **70.8950, 39.6600, -2.9000**, and if you desaturate by 10%, it is **80.4470, 29.2980, -2.3340**.

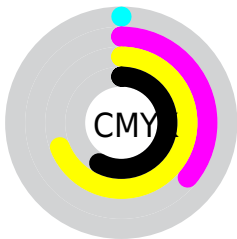
Distribution



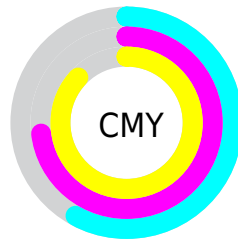
- Red (42%)
- Green (27%)
- Blue (13%)



- Red (42%)
- Yellow (39%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.6710, 34.4790, -2.6170 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 75.6710, 34.4790, -2.6170 by changing the saturation by 10% instead.

■ 75.6710, 34.4790,
-2.6170

■ 75.6710, 34.4790,
-2.6170

■ 255.0000, -0.0000,
-0.0000

■ 52.4750, 32.0950,
-3.4650

■ 125.2370, 38.6970,
-1.9670

■ 31.4190, 26.5010,
-1.2030

■ 151.6070, 40.5310,
-2.1650

■ 9.8670, 19.6680,
6.9960

■ 178.3900, 42.6400,
-1.8400

■ 0.0000, 0.0000,
0.0000

■ 206.5750, 43.5570,
-1.9390

■ 228.4810, 31.9580,
-6.4900

■ 247.9950, 15.5910,

-12.7370

■ 253.0620, 5.4570,
-5.2870

■ 75.6710, 34.4790,
-2.6170

■ 75.6710, 34.4790,
-2.6170

■ 70.8950, 39.6600,
-2.9000

■ 80.4470, 29.2980,
-2.3340

■ 66.8200, 44.2450,
-3.3950

■ 84.5220, 24.7130,
-1.8390

■ 62.0440, 49.4260,
-3.6780

■ 89.2980, 19.5320,
-1.5560

■ 61.9300, 49.7470,
-3.9890

■ 94.0740, 14.3510,
-1.2730

■ 98.2630, 9.4450,
-0.4670

■ 102.9250, 4.5850,
-0.4950

■ 107.7010, -0.5960,
-0.2120

■ 111.8900, -5.5020,
0.5940

■ 116.5520,
-10.3620, 0.5660

Harmonies

Analogous

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



76.6150, 38.0530, 9.7090



75.6710, 34.4790, -2.6170



74.1760, 22.3310, -13.7410

Triad

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



75.6710, 34.4790, -2.6170



61.3630, -50.1550, -21.6670



78.6580, -7.0640, 17.8960

Complementary

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



75.6710, 34.4790, -2.6170



64.3290, -34.4790, 2.6170

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.



71.6970, -38.3310, 6.3490



75.6710, 34.4790, -2.6170



63.3980, -57.2630, -13.9910

Square

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



75.6710, 34.4790, -2.6170



65.7110, -24.8920, -22.4600



63.5750, -61.8950, -7.1350



78.9830, 17.0060, 22.2060

Rectangle

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



75.6710, 34.4790, -2.6170



72.3100, 10.0900, -17.6700



63.5750, -61.8950, -7.1350



77.2870, -16.3250, 15.0270

Sweetspot

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



75.6710, 34.4790, -2.6170



127.8890, 13.4340, -1.1740



59.5720, 31.5850, 27.8170



63.7790, 7.9320, -0.5800



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



75.6710, 34.4790, -2.6170



90.9690, 54.0110, -4.1730



97.3900, 24.3040, -21.9680



51.5550, 2.7510, -0.2970



67.2680, 54.6070, -3.9610



141.3470, 114.1200, -8.7280

Inverse Universe

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



64.3290, -34.4790, 2.6170



73.0310, -54.0110, 4.1730



43.1970, -24.5790, 21.4450



50.4450, -2.7510, 0.2970



49.7320, -54.6070, 3.9610



103.6530, -114.1200, 8.7280

Previews

White Background



This preview shows how the YIQ color 75.6710, 34.4790, -2.6170 looks on a white background.

Color Contrast Check

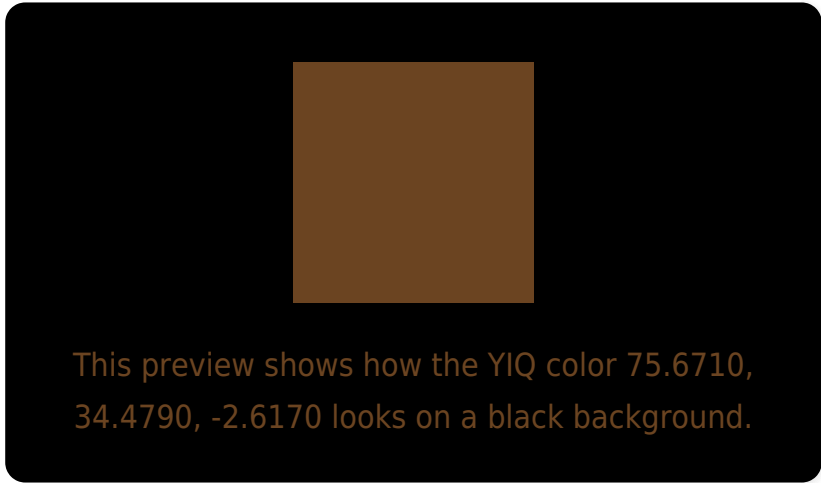
Large Text (above 18pt) WCAG AA ✓ Pass

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

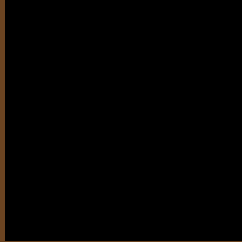
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.6710, 34.4790, -2.6170

Background



This preview shows how black text looks on a background with the YIQ color 75.6710, 34.4790, -2.6170.



This preview shows how white text looks on a background with the YIQ color 75.6710, 34.4790,

-2.6170.

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

75.6710, 34.4790, -2.6170

Protanopia

75.0170, 18.5250, -10.8430

Deuteranopia

75.2030, 26.8690, -7.8750



Tritanopia

78.0250, 25.2150, 11.0950

Trichromacy



Original Color

75.6710, 34.4790, -2.6170

Protanomaly

75.5340, 24.4390, -7.8890

Deuteranomaly

75.2250, 29.8030, -5.9810

Tritanomaly

76.8310, 28.5170, 6.3170

Monochromacy



Original Color

75.6710, 34.4790, -2.6170

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7040, 12.5170, -1.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.6710, 34.4790, -2.6170 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(107, 68, 33)` looks like.

```
.text, #text, p{  
    color:rgb(107, 68, 33)  
}
```

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(107, 68, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 68, 33) }
```

Border

The CSS property to change the border of an element to YIQ 75.6710, 34.4790, -2.6170 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(107, 68, 33) }
```


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

```
.border{ border-color:rgb(107, 68, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 68, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 68, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 68, 33);  
box-shadow:4px 4px 4px 4px rgb(107, 68,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 75.6710, 34.4790, -2.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 68, 33) }
```

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

```
.background{ background-color: rgb(107, 68,  
33) }
```

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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