

Converting Colors

YIQ(75.8690, 51.7170, 4.3650)

Have a look what the booklet for
YIQ(75.8690, 51.7170, 4.3650)
contains.

YIQ(75.8690, 51.7170, 4.3650)	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(75.8690, 51.7170,
4.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	803B1A
RGB	128, 59, 26
RGB Percent	50%, 23%, 10%
CMY	0.4979, 0.7687, 0.8978
CMYK	0.00, 0.54, 0.80, 0.50
HSL	19°, 66%, 30%
HSV	19°, 80%, 50%
XYZ	10.6572, 7.7918, 1.9230
YIQ	75.8690, 51.7170, 4.3650

Conversions

Conversions Part 2

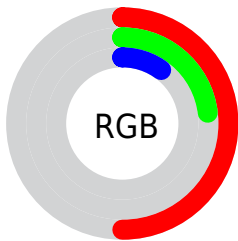
Format	Color
R_{YB}	128, 75, 26
Decimal	8403738
CIE _{Lab}	33.55, 27.55, 33.34
CIE _{LCh}	34, 43.247, 50.436
Yxy	7.7918, 0.5231, 0.3825
Android (android.graphics.Color)	4286593818 (0xFF803B1A)
YUV	75.8690, -24.5854, 45.7189
Hunter-Lab	27.9138, 19.3000, 15.4551

Details

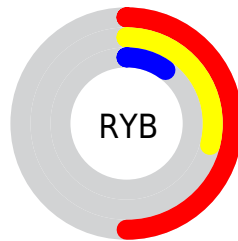
The YIQ color **75.8690, 51.7170, 4.3650** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **78.1310, -51.7170, -4.3650**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.2180, 58.0440, 5.3400**, and **28.8710, 40.2080, 9.2000** is the 20% darker color. If you saturate the color by 10%, you get **69.1040, 58.3650, 5.0290**, and if you desaturate by 10%, it is **82.6340, 45.0690, 3.7010**.

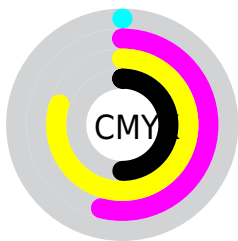
Distribution



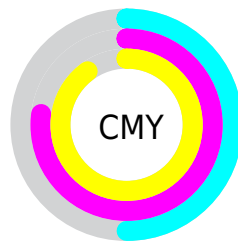
- Red (50%)
- Green (23%)
- Blue (10%)



- Red (50%)
- Yellow (29%)
- Blue (10%)



- Cyan (0%)
- Magenta (54%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.8690, 51.7170, 4.3650 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 75.8690, 51.7170, 4.3650 by changing the saturation by 10% instead.

■ 75.8690, 51.7170,
4.3650

■ 75.8690, 51.7170,
4.3650

255.0000, -0.0000,
-0.0000

■ 51.2600, 49.0580,
2.9940

■ 127.2180, 58.0440,
5.3400

■ 28.8710, 40.2080,
9.2000

■ 153.8870, 60.4740,
5.3540

■ 14.0530, 28.0120,
9.9640

■ 180.9690, 63.1790,
5.8910

■ 0.0000, 0.0000,
0.0000

■ 202.7720, 53.3680,
1.9760

■ 222.2860, 37.0010,
-4.2710

■ 242.3870, 20.3590,

-11.0410

■ 252.1500, 8.0250,
-7.7750

■ 75.8690, 51.7170,
4.3650

■ 75.8690, 51.7170,
4.3650

■ 69.1040, 58.3650,
5.0290

■ 82.6340, 45.0690,
3.7010

■ 62.9260, 64.7380,
5.1700

■ 88.8120, 38.6960,
3.5600

■ 62.3390, 65.0130,
5.6930

■ 95.4630, 32.3690,
2.5850

■ 102.2280, 25.7210,
1.9210

■ 108.4060, 19.3480,
1.7800

■ 115.1710, 12.7000,
1.1160

■ 121.9360, 6.0520,
0.4520

■ 128.0000, -0.0000,
-0.0000

■ 134.7650, -6.6480,
-0.6640

Harmonies

Analogous

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



75.3600, 52.4930, 23.3490



75.8690, 51.7170, 4.3650



74.2460, 42.5050, -15.9190

Triad

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



75.8690, 51.7170, 4.3650



62.7020, -47.0360, -28.6360



76.4840, -32.8770, 17.6430

Complementary

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



75.8690, 51.7170, 4.3650



78.1310, -51.7170, -4.3650

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.



67.2400, -70.8370, 0.7390



75.8690, 51.7170, 4.3650



67.3930, -58.8670, -17.9630

Square

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



75.8690, 51.7170, 4.3650



65.4370, -18.6090, -31.7050



68.9380, -67.3510, -7.3750



81.2460, 9.2560, 30.5040

Rectangle

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



75.8690, 51.7170, 4.3650



72.6630, 27.7890, -24.5550



68.9380, -67.3510, -7.3750



68.2140, -58.7800, 8.0040

Sweetspot

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



75.8690, 51.7170, 4.3650



145.5910, 20.2650, 1.6810



64.4780, 38.3220, 43.3940



71.8720, 12.1040, 0.9040



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.



75.8690, 51.7170, 4.3650



84.4780, 80.7390, 7.0350



105.2190, 37.9670, -21.7850



60.2670, 3.6220, 0.4380



62.3390, 65.0130, 5.6930



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.1310, -51.7170, -4.3650



87.9350, -80.4640, -6.5120



48.7810, -37.9670, 21.7850



60.7330, -3.6220, -0.4380



65.0740, -64.7380, -5.1700



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 75.8690, 51.7170, 4.3650 looks on a white background.

Color Contrast Check

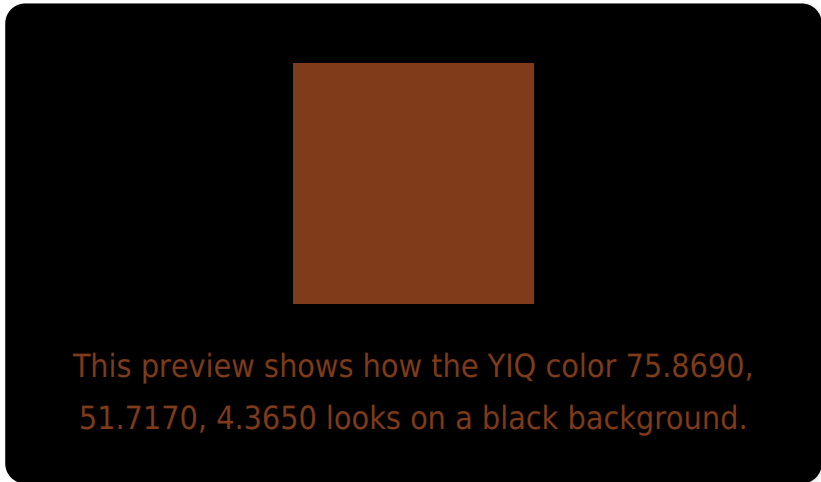
Large Text (above 18pt) WCAG AA ✓ Pass

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

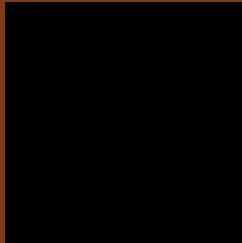
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.8690, 51.7170, 4.3650

Background



This preview shows how black text looks on a background with the YIQ color 75.8690, 51.7170, 4.3650.



This preview shows how white text looks on a background with the YIQ color 75.8690, 51.7170,

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

75.8690, 51.7170, 4.3650

Protanopia

77.2190, 20.7720, -13.0200

Deuteranopia

76.7920, 32.2800, -12.3280



Tritanopia

77.5820, 42.8200, 16.9320

Trichromacy



Original Color

75.8690, 51.7170, 4.3650

Protanomaly

76.4810, 31.9580, -6.4900

Deuteranomaly

76.4880, 39.2480, -6.4480

Tritanomaly

76.8010, 46.3970, 12.6770

Monochromacy



Original Color

75.8690, 51.7170, 4.3650

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.1070, 18.7520, 1.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.8690, 51.7170, 4.3650 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(128, 59, 26)` looks like.

```
.text, #text, p{  
    color:rgb(128, 59, 26)  
}
```

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(128, 59, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 59, 26) }
```

Border

The CSS property to change the border of an element to YIQ 75.8690, 51.7170, 4.3650 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(128, 59, 26) }
```


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

```
.border{ border-color:rgb(128, 59, 26) }
```

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

Here you see how a box with a 4 pixel rgb(128, 59, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 59, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 59, 26);  
box-shadow:4px 4px 4px 4px rgb(128, 59,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 75.8690, 51.7170, 4.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 59, 26) }
```

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

```
.background{ background-color: rgb(128, 59,  
26) }
```

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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