

Converting Colors

YIQ(75.0520, 64.1430, -0.5690)

Have a look what the booklet for
YIQ(75.0520, 64.1430, -0.5690)
contains.

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Color

**YIQ(75.0520, 64.1430,
-0.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	883A03
RGB	136, 58, 3
RGB Percent	53%, 23%, 1%
CMY	0.4665, 0.7727, 0.9879
CMYK	0.00, 0.57, 0.98, 0.47
HSL	25°, 96%, 27%
HSV	25°, 98%, 53%
XYZ	11.6879, 8.2670, 1.0680
YIQ	75.0520, 64.1430, -0.5690

Conversions

Conversions Part 2

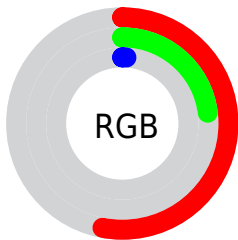
Format	Color
R_{YB}	136, 97, 3
Decimal	8927747
CIE Lab	34.53, 30.82, 44.31
CIE LCh	35, 53.980, 55.177
Yxy	8.2670, 0.5560, 0.3932
Android (android.graphics.Color)	4287117827 (0xFF883A03)
YUV	75.0520, -35.5216, 53.4514
Hunter-Lab	28.7524, 22.2436, 17.9244

Details

The YIQ color **75.0520, 64.1430, -0.5690** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **63.9480, -64.1430, 0.5690**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.2700, 69.4610, 2.1730**, and **28.9040, 44.6090, 12.0410** is the 20% darker color. If you saturate the color by 10%, you get **73.5360, 65.6560, -0.4560**, and if you desaturate by 10%, it is **81.3440, 57.4490, -0.3990**.

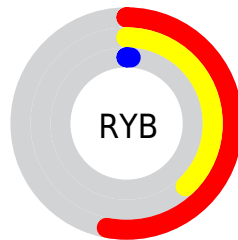
Distribution



Red (53%)

Green (23%)

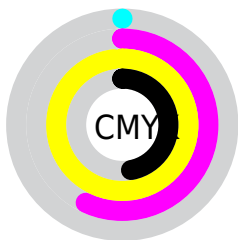
Blue (1%)



Red (53%)

Yellow (38%)

Blue (1%)

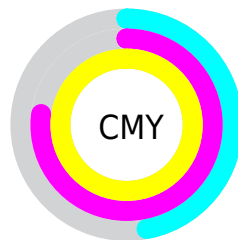


Cyan (0%)

Magenta (57%)

Yellow (98%)

Black (47%)



Cyan (47%)


Magenta (77%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 75.0520, 64.1430, -0.5690 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 75.0520, 64.1430, -0.5690 by changing the saturation by 10% instead.


 75.0520, 64.1430,
-0.5690


 75.0520, 64.1430,
-0.5690


 253.1760, 5.1360,
-4.9760


 51.9510, 54.4220,
4.9020


 127.2700, 69.4610,
2.1730

 28.9040, 44.6090,
12.0410

 154.5370, 73.0830,
2.6110


 15.5480, 30.9920,
11.0240

 181.9070, 74.9170,
2.4130

 5.0830, 10.1320,
3.6040

 200.7200, 59.1460,
-3.6220

 0.0000, 0.0000,
0.0000

 220.1200, 43.1000,
-10.1800

 240.2210, 26.4580,

-16.9500

■ 249.8700, 14.4450,
-13.9950

■ 75.0520, 64.1430,
-0.5690

■ 75.0520, 64.1430,
-0.5690

■ 73.5360, 65.6560,
-0.4560

■ 81.3440, 57.4490,
-0.3990

■ 87.5220, 51.0760,
-0.5400

■ 93.8140, 44.3820,
-0.3700

■ 99.9920, 38.0090,
-0.5110

■ 106.2840, 31.3150,
-0.3410

■ 112.5760, 24.6210,
-0.1710

■ 118.7540, 18.2480,
-0.3120

■ 125.0460, 11.5540,
-0.1420

■ 131.3380, 4.8600,
0.0280

Harmonies

Analogous

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



72.0630, 66.7510, 29.2710



75.0520, 64.1430, -0.5690



76.5940, 41.4050, -18.0110

Triad

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



75.0520, 64.1430, -0.5690



66.4350, -50.6580, -29.0740



79.3300, -35.0790, 24.5130

Complementary

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



75.0520, 64.1430, -0.5690



63.9480, -64.1430, 0.5690

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.



71.3950, -78.4030, 5.7010



75.0520, 64.1430, -0.5690



72.0380, -65.0570, -15.9130

Square

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



75.0520, 64.1430, -0.5690



59.4300, -35.0670, -41.8110



74.2670, -75.4670, -3.4590



81.6590, 18.6990, 41.0910

Rectangle

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



75.0520, 64.1430, -0.5690



74.1030, 23.4340, -28.2300



74.2670, -75.4670, -3.4590



65.1830, -74.6900, 9.9980

Sweetspot

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



75.0520, 64.1430, -0.5690



152.5760, 24.6210, -0.1710



51.8870, 53.5880, 53.0760



74.9000, 14.9010, -0.2270



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



75.0520, 64.1430, -0.5690



95.4750, 84.8210, -0.8670



113.2070, 46.2680, -34.5640



65.8540, 3.3470, -0.0850



72.0520, 64.1430, -0.5690



2.6690, 2.4300, 0.0140

Inverse Universe

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



63.9480, -64.1430, 0.5690



80.5250, -84.8210, 0.8670



25.7930, -46.2680, 34.5640



65.1460, -3.3470, 0.0850



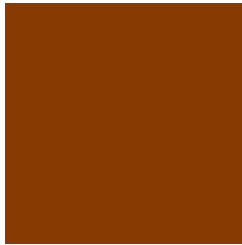
60.9480, -64.1430, 0.5690



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 75.0520, 64.1430, -0.5690 looks on a white background.

Color Contrast Check

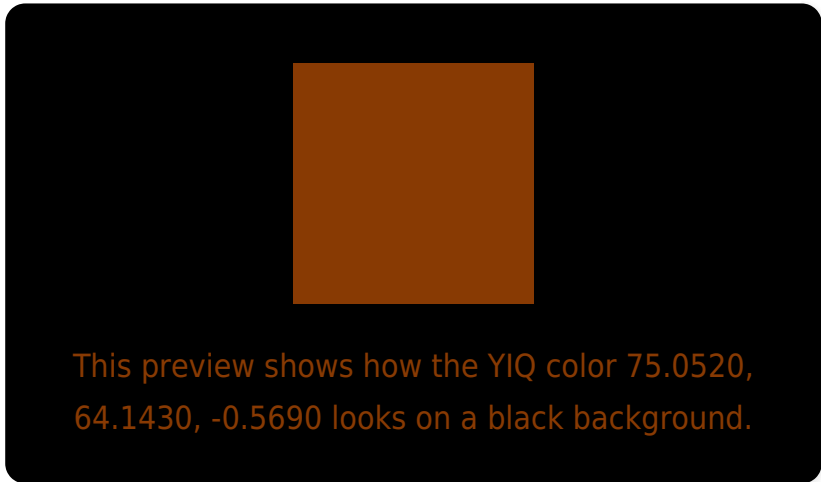
Large Text (above 18pt) WCAG AA ✓ Pass

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

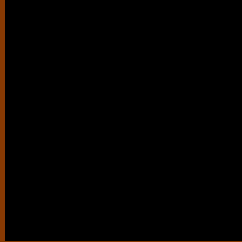
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.0520, 64.1430, -0.5690

Background



This preview shows how black text looks on a background with the YIQ color 75.0520, 64.1430, -0.5690.



This preview shows how white text looks on a background with the YIQ color 75.0520, 64.1430,

-0.5690.

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

75.0520, 64.1430, -0.5690

Protanopia

77.4230, 28.7050, -19.1270

Deuteranopia

76.8820, 40.5340, -18.7460



Tritanopia

79.1590, 48.5050, 18.5290

Trichromacy



Original Color

75.0520, 64.1430, -0.5690

Protanomaly

76.4680, 42.0000, -12.2720

Deuteranomaly

76.4750, 49.2900, -12.2300

Tritanomaly

77.4660, 54.6500, 11.7860

Monochromacy



Original Color

75.0520, 64.1430, -0.5690

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0920, 23.1080, -0.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0520, 64.1430, -0.5690 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(136, 58, 3)` looks like.

```
.text, #text, p{  
    color:rgb(136, 58, 3)  
}
```

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(136, 58, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 58, 3) }
```

Border

The CSS property to change the border of an element to YIQ 75.0520, 64.1430, -0.5690 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(136, 58, 3) }
```


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

```
.border{ border-color:rgb(136, 58, 3) }
```

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

Here you see how a box with a 4 pixel rgb(136, 58, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 58, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 58, 3);  
box-shadow:4px 4px 4px 4px rgb(136, 58, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.0520, 64.1430, -0.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 58, 3) }
```

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

```
.background{ background-color: rgb(136, 58,  
3) }
```

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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