

Converting Colors

YIQ(77.8540, 56.0730, 2.5130)

Have a look what the booklet for
YIQ(77.8540, 56.0730, 2.5130)
contains.

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Color

**YIQ(77.8540, 56.0730,
2.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	853D14
RGB	133, 61, 20
RGB Percent	52%, 24%, 8%
CMY	0.4783, 0.7609, 0.9213
CMYK	0.00, 0.54, 0.85, 0.48
HSL	22°, 74%, 30%
HSV	22°, 85%, 52%
XYZ	11.4727, 8.3746, 1.6766
YIQ	77.8540, 56.0730, 2.5130

Conversions

Conversions Part 2

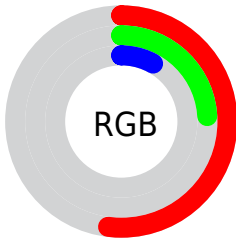
Format	Color
R_{YB}	133, 84, 20
Decimal	8731924
CIE _{Lab}	34.75, 28.35, 37.74
CIE _{LCh}	35, 47.205, 53.091
Yxy	8.3746, 0.5330, 0.3891
Android (android.graphics.Color)	4286922004 (0xFF853D14)
YUV	77.8540, -28.5220, 48.3630
Hunter-Lab	28.9388, 20.1228, 16.8221

Details

The YIQ color **77.8540, 56.0730, 2.5130** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **75.1460, -56.0730, -2.5130**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.3170, 62.0790, 3.7990**, and **31.2410, 42.0420, 9.0020** is the 20% darker color. If you saturate the color by 10%, you get **71.0890, 62.7210, 3.1770**, and if you desaturate by 10%, it is **84.0320, 49.7000, 2.3720**.

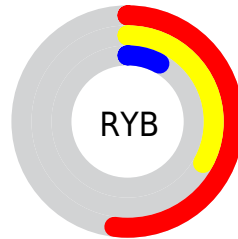
Distribution



Red (52%)

Green (24%)

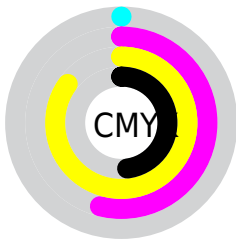
Blue (8%)



Red (52%)

Yellow (33%)

Blue (8%)

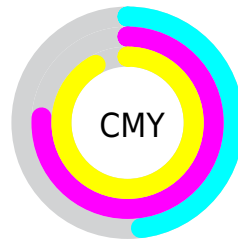


Cyan (0%)

Magenta (54%)

Yellow (85%)

Black (48%)



Cyan (48%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.8540, 56.0730, 2.5130 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 77.8540, 56.0730, 2.5130 by changing the saturation by 10% instead.

■ 77.8540, 56.0730,
2.5130

■ 77.8540, 56.0730,
2.5130

■ 254.7720, 0.6420,
-0.6220

■ 53.1140, 52.4050,
2.9090

■ 129.3170, 62.0790,
3.7990

■ 31.2410, 42.0420,
9.0020

■ 156.2850, 65.1050,
4.0250

■ 14.9500, 29.8000,
10.6000

■ 183.6660, 68.4060,
4.7740

■ 4.1860, 8.3440,
2.9680

■ 203.9630, 54.1480,
-1.1480

■ 0.0000, 0.0000,
0.0000

■ 223.4770, 37.7810,
-7.3950

■ 243.5780, 21.1390,

-14.1650

■ 251.4660, 9.9510,
-9.6410

■ 77.8540, 56.0730,
2.5130

■ 77.8540, 56.0730,
2.5130

■ 71.0890, 62.7210,
3.1770

■ 84.0320, 49.7000,
2.3720

■ 67.9430, 66.0680,
3.0920

■ 90.9110, 42.7310,
2.0190

■ 97.0890, 36.3580,
1.8780

■ 103.8540, 29.7100,
1.2140

■ 110.1460, 23.0160,
1.3840

■ 116.9110, 16.3680,
0.7200

■ 123.0890, 9.9950,
0.5790

■ 129.8540, 3.3470,
-0.0850

■ 136.1460, -3.3470,
0.0850

Harmonies

Analogous

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



76.6380, 57.5820, 24.7340



77.8540, 56.0730, 2.5130



76.8930, 42.0010, -17.7990

Triad

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



77.8540, 56.0730, 2.5130



65.6200, -49.7410, -29.1730



80.3640, -32.4190, 20.3570

Complementary

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



77.8540, 56.0730, 2.5130



75.1460, -56.0730, -2.5130

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.



70.1410, -74.8720, 2.2800



77.8540, 56.0730, 2.5130



70.6530, -62.5350, -17.5670

Square

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



77.8540, 56.0730, 2.5130



62.8160, -30.1620, -37.0900



72.5400, -71.9820, -6.0460



83.2190, 13.8860, 34.7020

Rectangle

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



77.8540, 56.0730, 2.5130



75.0110, 26.6890, -26.6470



72.5400, -71.9820, -6.0460



71.6100, -59.8350, 10.6050

Sweetspot

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



77.8540, 56.0730, 2.5130



152.2490, 21.2280, 0.7480



62.1090, 43.9150, 46.6590



74.0570, 13.0210, 0.8050



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



77.8540, 56.0730, 2.5130



88.7080, 85.7830, 3.7270



110.1390, 40.9480, -26.2520



62.9680, 3.0260, 0.2260



66.4590, 64.5550, 2.9790



1.4840, 1.5130, 0.1130

Inverse Universe

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



75.1460, -56.0730, -2.5130



84.8790, -86.0580, -4.2500



42.8610, -40.9480, 26.2520



63.0320, -3.0260, -0.2260



63.5410, -64.5550, -2.9790



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 77.8540, 56.0730, 2.5130 looks on a white background.

Color Contrast Check

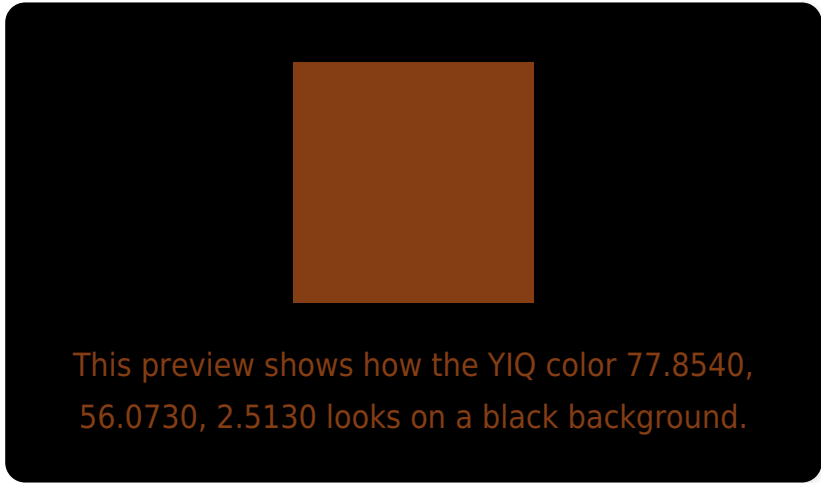
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.8540, 56.0730, 2.5130

Background



This preview shows how black text looks on a background with the YIQ color 77.8540, 56.0730, 2.5130.



This preview shows how white text looks on a background with the YIQ color 77.8540, 56.0730,

2.5130.

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

77.8540, 56.0730, 2.5130

Protanopia

79.1930, 23.6610, -15.8190

Deuteranopia

78.1360, 37.0030, -15.3250



Tritanopia

80.7780, 45.2040, 17.7800

Trichromacy



Original Color

77.8540, 56.0730, 2.5130

Protanomaly

78.7540, 35.4430, -9.0770

Deuteranomaly

78.2450, 44.2460, -8.9220

Tritanomaly

79.3560, 49.1480, 12.3800

Monochromacy



Original Color

77.8540, 56.0730, 2.5130

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.8540, 56.0730, 2.5130 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(133, 61, 20)` looks like.

```
.text, #text, p{  
    color:rgb(133, 61, 20)  
}
```

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(133, 61, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 61, 20) }
```

Border

The CSS property to change the border of an element to YIQ 77.8540, 56.0730, 2.5130 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(133, 61, 20) }
```


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

```
.border{ border-color:rgb(133, 61, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 61, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 61, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 61, 20);  
box-shadow:4px 4px 4px 4px rgb(133, 61,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 77.8540, 56.0730, 2.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 61, 20) }
```

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

```
.background{ background-color: rgb(133, 61,  
20) }
```

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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