

Converting Colors

YIQ(79.3730, 58.5050, -8.5270)

Have a look what the booklet for
YIQ(79.3730, 58.5050, -8.5270)
contains.

| | |
|--|----|
| YIQ(79.3730, 58.5050, -8.5270) | 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(79.3730, 58.5050,
-8.5270)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 824500 |
| RGB | 130, 69, 0 |
| RGB Percent | 51%, 27%, 0% |
| CMY | 0.4901, 0.7295, 0.9997 |
| CMYK | 0.00, 0.47, 1.00, 0.49 |
| HSL | 32°, 100%, 26% |
| HSV | 32°, 100%, 51% |
| XYZ | 11.3369, 9.0011, 1.1420 |
| YIQ | 79.3730, 58.5050, -8.5270 |

Conversions

Conversions Part 2

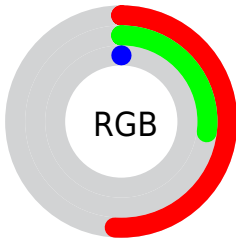
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 115, 130, 0 |
| Decimal | 8537344 |
| CIE _{Lab} | 35.99, 22.04, 45.85 |
| CIE _{LCh} | 36, 50.877, 64.323 |
| Yxy | 9.0011, 0.5278, 0.4190 |
| Android (android.graphics.Color) | 4286727424 (0xFF824500) |
| YUV | 79.3730, -39.1309, 44.3999 |
| Hunter-Lab | 30.0019, 14.9468, 18.7445 |

Details

The YIQ color **79.3730, 58.5050, -8.5270** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **50.6270, -58.5050, 8.5270**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.5200, 62.5850, -5.3750**, and **36.2140, 37.5040, 3.1360** is the 20% darker color. If you saturate the color by 10%, you get **79.3730, 58.5050, -8.5270**, and if you desaturate by 10%, it is **84.3770, 52.6820, -7.6220**.

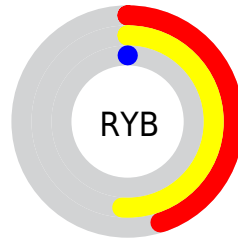
Distribution



Red (51%)

Green (27%)

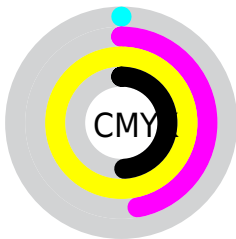
Blue (0%)



Red (45%)

Yellow (51%)

Blue (0%)

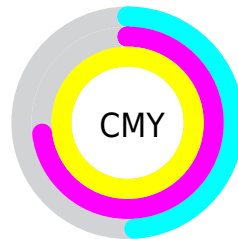


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3730, 58.5050, -8.5270 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 79.3730, 58.5050, -8.5270 by changing the saturation by 10% instead.

■ 79.3730, 58.5050,
-8.5270

■ 79.3730, 58.5050,
-8.5270

■ 253.1760, 5.1360,
-4.9760

■ 57.5000, 48.1420,
-2.4340

■ 131.5200, 62.5850,
-5.3750

■ 36.2140, 37.5040,
3.1360

■ 158.6020, 65.2900,
-4.8380

■ 15.5260, 28.0580,
9.1300

■ 185.6840, 67.9950,
-4.3010

■ 3.5880, 7.1520,
2.5440

■ 207.1770, 56.1210,
-9.3750

■ 0.0000, 0.0000,
0.0000

■ 226.5770, 40.0750,
-15.9330

■ 246.2050, 23.3870,

-21.8690

■ 249.9840, 14.1240,
-13.6840

■ 79.3730, 58.5050,
-8.5270

■ 84.3770, 52.6820,
-7.6220

■ 89.3810, 46.8590,
-6.7170

■ 94.3850, 41.0360,
-5.8120

■ 99.3890, 35.2130,
-4.9070

■ 104.9800, 29.1150,
-4.5250

■ 109.9840, 23.2920,
-3.6200

■ 114.9880, 17.4690,
-2.7150

■ 119.9920, 11.6460,
-1.8100

■ 124.9960, 5.8230,
-0.9050

Harmonies

Analogous

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



79.1730, 63.0850, 18.6130



79.3730, 58.5050, -8.5270



79.1970, 35.0330, -23.6790

Triad

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



79.3730, 58.5050, -8.5270



70.7210, -57.2150, -25.8790



86.3280, -14.4020, 29.7420

Complementary

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



79.3730, 58.5050, -8.5270



50.6270, -58.5050, 8.5270

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.



70.6940, -77.8070, 5.9130



79.3730, 58.5050, -8.5270



74.6940, -69.7800, -12.9160

Square

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



79.3730, 58.5050, -8.5270



64.6450, -42.8620, -38.2060



75.5380, -77.6680, -2.1160



84.1070, 29.0610, 40.5250

Rectangle

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



79.3730, 58.5050, -8.5270



75.2330, 17.0160, -33.0640



75.5380, -77.6680, -2.1160



82.8740, -33.7950, 23.2690

Sweetspot

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



79.3730, 58.5050, -8.5270



148.7990, 22.3750, -3.5210



46.0520, 57.2570, 47.1530



72.3620, 13.4800, -2.0080



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.



79.3730, 58.5050, -8.5270



102.4750, 75.6530, -10.9310



114.5820, 40.5380, -40.8540



61.4410, 3.0720, -0.6080



78.1880, 57.5880, -8.4280



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.6270, -58.5050, 8.5270



65.5250, -75.6530, 10.9310



15.4180, -40.5380, 40.8540



59.5590, -3.0720, 0.6080



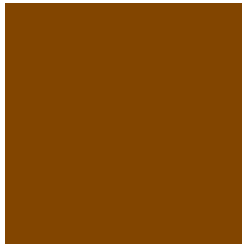
49.8120, -57.5880, 8.4280



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 79.3730, 58.5050, -8.5270 looks on a white background.

Color Contrast Check

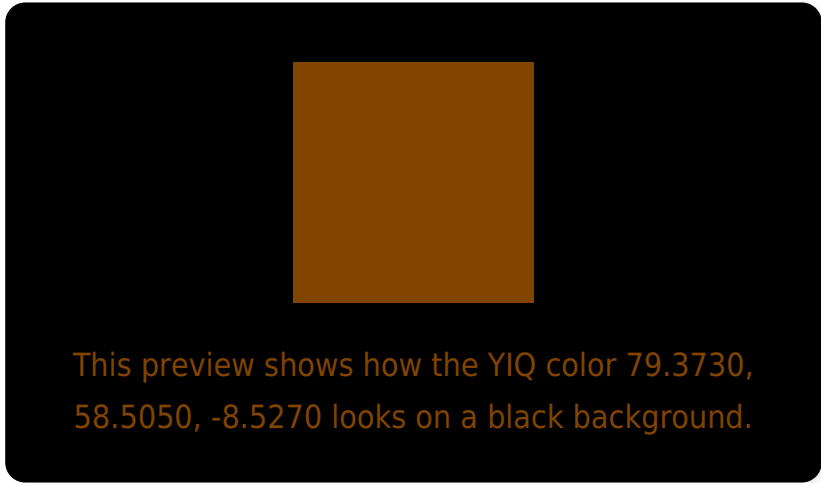
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.3730, 58.5050, -8.5270

Background



This preview shows how black text looks on a background with the YIQ color 79.3730, 58.5050, -8.5270.



This preview shows how white text looks on a background with the YIQ color 79.3730, 58.5050,

-8.5270.

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

79.3730, 58.5050, -8.5270

Protanopia

80.4400, 30.0350, -21.2050

Deuteranopia

79.8390, 42.0930, -19.4670



Tritanopia

84.9020, 38.9230, 15.9710

Trichromacy



Original Color

79.3730, 58.5050, -8.5270

Protanomaly

80.0500, 40.1210, -16.7670

Deuteranomaly

79.8830, 47.9610, -15.6790

Tritanomaly

82.9270, 45.8020, 6.9380

Monochromacy



Original Color

79.3730, 58.5050, -8.5270

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0270, 21.7330, -2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3730, 58.5050, -8.5270 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(130, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 69, 0)  
}
```

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(130, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 69, 0) }
```

Border

The CSS property to change the border of an element to YIQ 79.3730, 58.5050, -8.5270 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(130, 69, 0) }
```


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

```
.border{ border-color:rgb(130, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.3730, 58.5050, -8.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 69, 0) }
```

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

```
.background{ background-color: rgb(130, 69,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor