

Converting Colors

YIQ(85.0370, 51.3040, 6.3440)

Have a look what the booklet for
YIQ(85.0370, 51.3040, 6.3440)
contains.

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Color

**YIQ(85.0370, 51.3040,
6.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4327
RGB	138, 67, 39
RGB Percent	54%, 26%, 15%
CMY	0.4587, 0.7374, 0.8468
CMYK	0.00, 0.51, 0.72, 0.46
HSL	17°, 56%, 35%
HSV	17°, 72%, 54%
XYZ	12.8602, 9.5642, 3.0927
YIQ	85.0370, 51.3040, 6.3440

Conversions

Conversions Part 2

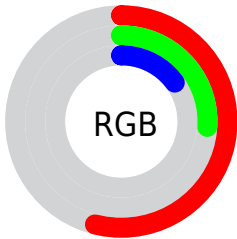
Format	Color
R_{YB}	138, 78, 39
Decimal	9061159
CIE _{Lab}	37.05, 28.03, 30.44
CIE _{LCh}	37, 41.380, 47.360
Yxy	9.5642, 0.5040, 0.3748
Android (android.graphics.Color)	4287251239 (0xFF8A4327)
YUV	85.0370, -22.6962, 46.4486
Hunter-Lab	30.9260, 20.1063, 15.7190

Details

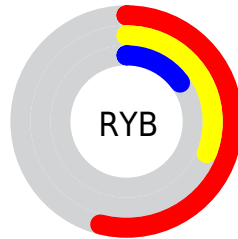
The YIQ color **85.0370, 51.3040, 6.3440** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **91.9630, -51.3040, -6.3440**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9730, 57.3560, 6.7960**, and **36.5570, 43.9680, 7.1360** is the 20% darker color. If you saturate the color by 10%, you get **77.5710, 58.5480, 7.2200**, and if you desaturate by 10%, it is **92.5030, 44.0600, 5.4680**.

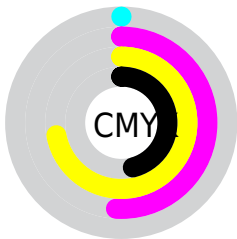
Distribution



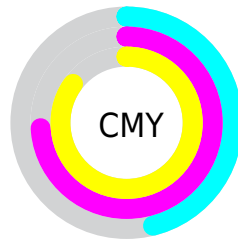
- Red (54%)
- Green (26%)
- Blue (15%)



- Red (54%)
- Yellow (31%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (72%)
- Black (46%)





- Cyan (46%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.0370, 51.3040, 6.3440 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 85.0370, 51.3040, 6.3440 by changing the saturation by 10% instead.


 85.0370, 51.3040,
6.3440


 85.0370, 51.3040,
6.3440


255.0000, -0.0000,
-0.0000


 60.0690, 48.2780,
6.1180


 136.9730, 57.3560,
6.7960


 36.5570, 43.9680,
7.1360

 163.7560, 59.4650,
7.1210


 16.7440, 33.3760,
11.8720

 190.8380, 62.1700,
7.6580

 8.7850, 16.9630,
6.4590

 210.3520, 45.8030,
1.4110

 0.0000, 0.0000,
0.0000

 229.8660, 29.4360,
-4.8360

 250.0810, 12.4730,

-11.2950

253.8600, 3.2100,
-3.1100

85.0370, 51.3040,
6.3440

85.0370, 51.3040,
6.3440

77.5710, 58.5480,
7.2200

92.5030, 44.0600,
5.4680

70.1050, 65.7920,
8.0960

99.9690, 36.8160,
4.5920

64.1550, 71.5230,
8.8590

107.3210, 29.8930,
3.4050

114.7870, 22.6490,
2.5290

122.2530, 15.4050,
1.6530

■ 129.1320, 8.4360,
1.3000

■ 136.5980, 1.1920,
0.4240

■ 143.9500, -5.7310,
-0.7630

■ 151.4160,
-12.9750, -1.6390

Harmonies

Analogous

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



84.9900, 50.6590, 23.5470



85.0370, 51.3040, 6.3440



83.4680, 42.0000, -12.2720

Triad

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



85.0370, 51.3040, 6.3440



67.9680, -50.8410, -31.2650



84.4620, -35.8110, 15.7490

Complementary

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



85.0370, 51.3040, 6.3440



91.9630, -51.3040, -6.3440

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.



73.0930, -74.9170, -2.4130



85.0370, 51.3040, 6.3440



72.5450, -62.3510, -20.9030

Square

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



85.0370, 51.3040, 6.3440



76.3130, -12.3280, -29.8960



74.7910, -71.4310, -10.5270



90.0390, 5.4050, 28.7090

Rectangle

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



85.0370, 51.3040, 6.3440



82.0270, 29.7600, -21.7280



74.7910, -71.4310, -10.5270



77.1710, -57.2210, 7.2830

Sweetspot

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



85.0370, 51.3040, 6.3440



157.4170, 20.8150, 2.7270



76.9230, 35.5710, 43.6910



76.9860, 11.7830, 1.2150



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.



85.0370, 51.3040, 6.3440



96.2870, 79.9590, 10.1590



113.2130, 38.1040, -18.7600



65.2670, 3.6220, 0.4380



61.4860, 69.0930, 8.8450



2.0820, 2.7050, 0.5370

Inverse Universe

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



91.9630, -51.3040, -6.3440



107.1260, -79.6840, -9.6360



63.7870, -38.1040, 18.7600



65.7330, -3.6220, -0.4380



70.9270, -68.8180, -8.3220



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 85.0370, 51.3040, 6.3440 looks on a white background.

Color Contrast Check

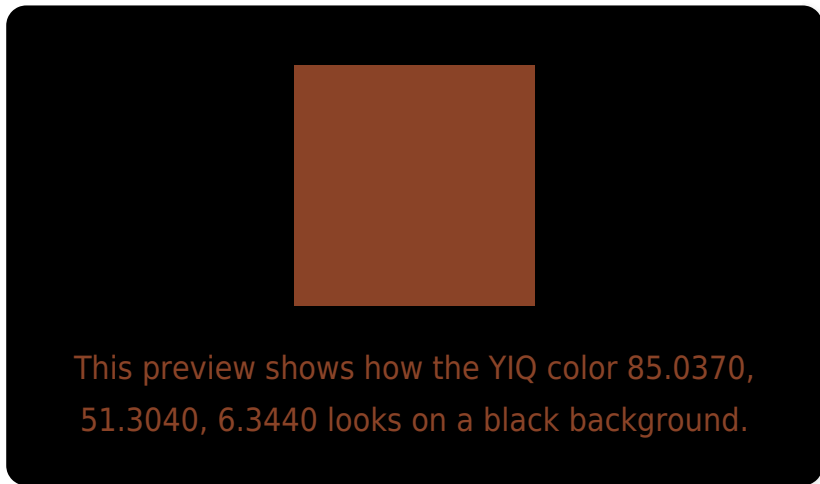
Large Text (above 18pt) WCAG AA ✓ Pass

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

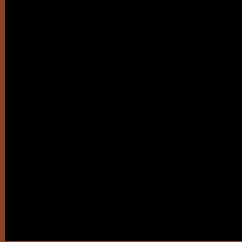
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.0370, 51.3040, 6.3440

Background



This preview shows how black text looks on a background with the YIQ color 85.0370, 51.3040, 6.3440.



This preview shows how white text looks on a background with the YIQ color 85.0370, 51.3040,

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

85.0370, 51.3040, 6.3440

Protanopia

85.9030, 18.8460, -11.1540

Deuteranopia

85.8890, 30.6290, -9.9390



Tritanopia

86.8810, 43.4160, 17.1440

Trichromacy



Original Color

85.0370, 51.3040, 6.3440

Protanomaly

85.3500, 30.9490, -4.7230

Deuteranomaly

85.7700, 38.5140, -4.1580

Tritanomaly

86.2140, 46.6720, 13.2000

Monochromacy



Original Color

85.0370, 51.3040, 6.3440

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.6340, 18.7060, 2.4020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.0370, 51.3040, 6.3440 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(138, 67, 39)` looks like.

```
.text, #text, p{  
    color:rgb(138, 67, 39)  
}
```

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(138, 67, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 67, 39) }
```

Border

The CSS property to change the border of an element to YIQ 85.0370, 51.3040, 6.3440 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(138, 67, 39) }
```


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

```
.border{ border-color:rgb(138, 67, 39) }
```

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

Here you see how a box with a 4 pixel rgb(138, 67, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 67, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 67, 39);  
box-shadow:4px 4px 4px 4px rgb(138, 67,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 85.0370, 51.3040, 6.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 67, 39) }
```

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

```
.background{ background-color: rgb(138, 67,  
39) }
```

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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