

Converting Colors

YIQ(82.9660, 50.0660, 6.7540)

Have a look what the booklet for
YIQ(82.9660, 50.0660, 6.7540)
contains.

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Color

**YIQ(82.9660, 50.0660,
6.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	874127
RGB	135, 65, 39
RGB Percent	53%, 25%, 15%
CMY	0.4704, 0.7452, 0.8468
CMYK	0.00, 0.52, 0.71, 0.47
HSL	16°, 55%, 34%
HSV	16°, 71%, 53%
XYZ	12.2536, 9.0781, 3.0307
YIQ	82.9660, 50.0660, 6.7540

Conversions

Conversions Part 2

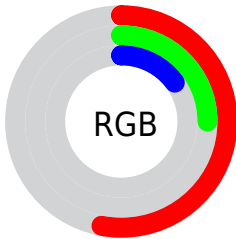
Format	Color
R_{YB}	135, 75, 39
Decimal	8864039
CIE Lab	36.13, 27.87, 29.27
CIE LCh	36, 40.420, 46.408
Yxy	9.0781, 0.5030, 0.3726
Android (android.graphics.Color)	4287054119 (0xFF874127)
YUV	82.9660, -21.6752, 45.6338
Hunter-Lab	30.1300, 19.8669, 15.1271

Details

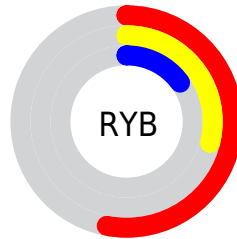
The YIQ color **82.9660, 50.0660, 6.7540** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **91.0340, -50.0660, -6.7540**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0160, 55.7970, 7.5170**, and **34.4860, 42.7300, 7.5460** is the 20% darker color. If you saturate the color by 10%, you get **75.6140, 56.9890, 7.9410**, and if you desaturate by 10%, it is **90.4320, 42.8220, 5.8780**.

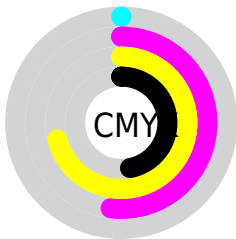
Distribution



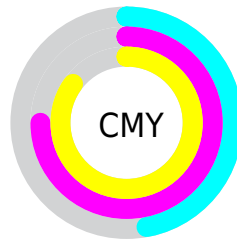
- Red (53%)
- Green (25%)
- Blue (15%)



- Red (53%)
- Yellow (29%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.9660, 50.0660, 6.7540 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 82.9660, 50.0660, 6.7540 by changing the saturation by 10% instead.

82.9660, 50.0660,
6.7540

82.9660, 50.0660,
6.7540

255.0000, -0.0000,
-0.0000

58.1120, 46.7190,
6.8390

134.3150, 56.3930,
7.7290

34.4860, 42.7300,
7.5460

161.0980, 58.5020,
8.0540

15.8470, 31.5880,
11.2360

188.7670, 60.9320,
8.0680

7.2900, 13.9830,
5.3990

208.5910, 46.6280,
2.9800

0.0000, 0.0000,
0.0000

228.6920, 29.9860,
-3.7900

248.3200, 13.2980,

-9.7260

253.8600, 3.2100,
-3.1100

82.9660, 50.0660,
6.7540

82.9660, 50.0660,
6.7540

75.6140, 56.9890,
7.9410

90.4320, 42.8220,
5.8780

68.1480, 64.2330,
8.8170

97.7840, 35.8990,
4.6910

61.4970, 70.5600,
9.7920

105.2500, 28.6550,
3.8150

112.0150, 22.0070,
3.1510

119.4810, 14.7630,
2.2750

■ 126.8330, 7.8400,
1.0880

■ 134.2990, 0.5960,
0.2120

■ 141.6510, -6.3270,
-0.9750

■ 149.1170,
-13.5710, -1.8510

Harmonies

Analogous

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



83.2070, 48.5500, 23.2220



82.9660, 50.0660, 6.7540



81.8100, 41.0370, -11.3390

Triad

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



82.9660, 50.0660, 6.7540



66.5660, -49.6490, -30.8410



81.9350, -35.7650, 14.9150

Complementary

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



82.9660, 50.0660, 6.7540



91.0340, -50.0660, -6.7540

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.



71.4630, -73.0830, -2.6110



82.9660, 50.0660, 6.7540



70.9150, -60.5170, -21.1010

Square

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



82.9660, 50.0660, 6.7540



74.7370, -10.5860, -28.4260



73.0470, -69.2760, -11.0360



87.9140, 4.2590, 27.4510

Rectangle

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



82.9660, 50.0660, 6.7540



80.2550, 29.1180, -21.1060



73.0470, -69.2760, -11.0360



74.1600, -58.6880, 6.3360

Sweetspot

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



82.9660, 50.0660, 6.7540



155.9330, 19.3020, 2.6140



75.6840, 34.7460, 42.1220



77.1000, 11.4620, 1.5260



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.



82.9660, 50.0660, 6.7540



94.9170, 78.1250, 10.3570



111.1420, 36.8660, -18.3500



62.3810, 3.3010, 0.7490



59.4150, 67.8550, 9.2550



1.4840, 1.5130, 0.1130

Inverse Universe

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



91.0340, -50.0660, -6.7540



107.6700, -78.4000, -10.8800



62.8580, -36.8660, 18.3500



63.6190, -3.3010, -0.7490



70.5850, -67.8550, -9.2550



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 82.9660, 50.0660, 6.7540 looks on a white background.

Color Contrast Check

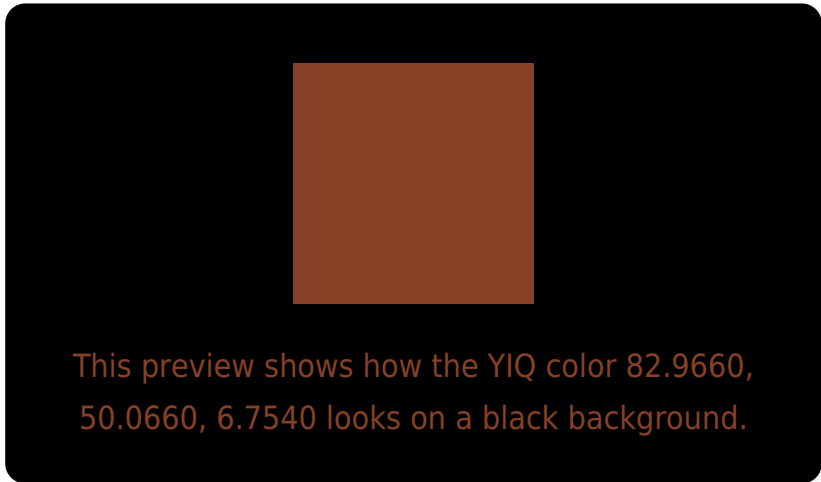
Large Text (above 18pt) WCAG AA ✓ Pass

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

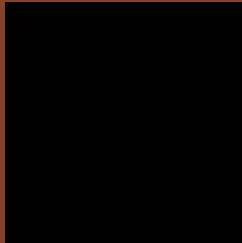
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.9660, 50.0660, 6.7540

Background



This preview shows how black text looks on a background with the YIQ color 82.9660, 50.0660, 6.7540.



This preview shows how white text looks on a background with the YIQ color 82.9660, 50.0660,

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

82.9660, 50.0660, 6.7540

Protanopia

83.8320, 17.6080, -10.7440

Deuteranopia

83.2310, 29.6660, -9.0060



Tritanopia

84.5820, 42.8200, 16.9320

Trichromacy



Original Color

82.9660, 50.0660, 6.7540

Protanomaly

83.2790, 29.7110, -4.3130

Deuteranomaly

83.1120, 37.5510, -3.2250

Tritanomaly

84.0290, 45.7550, 13.2990

Monochromacy



Original Color

82.9660, 50.0660, 6.7540

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7480, 18.3850, 2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.9660, 50.0660, 6.7540 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(135, 65, 39)` looks like.

```
.text, #text, p{  
    color:rgb(135, 65, 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(135, 65, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 65, 39) }
```

Border

The CSS property to change the border of an element to YIQ 82.9660, 50.0660, 6.7540 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(135, 65, 39) }
```


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

```
.border{ border-color:rgb(135, 65, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 65, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 65, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 65, 39);  
box-shadow:4px 4px 4px 4px rgb(135, 65,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 82.9660, 50.0660, 6.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 65, 39) }
```

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

```
.background{ background-color: rgb(135, 65,  
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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