

Converting Colors

YIQ(65.3870, 12.3320, 7.7880)

Have a look what the booklet for
YIQ(65.3870, 12.3320, 7.7880)
contains.

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Color

**YIQ(65.3870, 12.3320,
7.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	523941
RGB	82, 57, 65
RGB Percent	32%, 22%, 25%
CMY	0.6784, 0.7765, 0.7451
CMYK	0.00, 0.31, 0.21, 0.68
HSL	341°, 18%, 27%
HSV	341°, 31%, 32%
XYZ	5.8982, 5.1016, 5.6765
YIQ	65.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

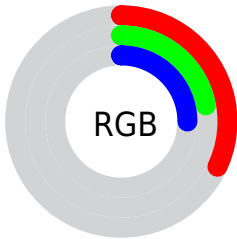
Format	Color
R_{YB}	82, 57, 65
Decimal	5388609
CIE _{Lab}	27.02, 12.51, -0.54
CIE _{LCh}	27, 12.524, 357.537
Yxy	5.1016, 0.3537, 0.3059
Android (android.graphics.Color)	4283578689 (0xFF523941)
YUV	65.3870, -0.1908, 14.5696
Hunter-Lab	22.5867, 7.0859, 0.9098

Details

The YIQ color **65.3870, 12.3320, 7.7880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.6130, -12.3320, -7.7880**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.3980, 13.7990, 8.7350**, and **22.1910, 9.9480, 6.9400** is the 20% darker color. If you saturate the color by 10%, you get **60.0070, 16.4580, 10.1060**, and if you desaturate by 10%, it is **70.7670, 8.2060, 5.4700**.

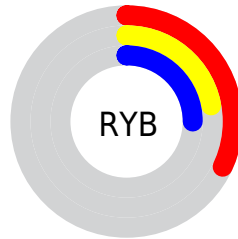
Distribution



Red (32%)

Green (22%)

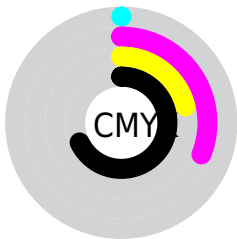
Blue (25%)



Red (32%)

Yellow (22%)

Blue (25%)

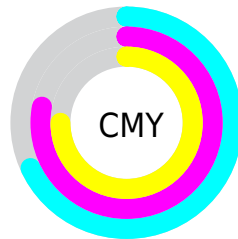


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (68%)



Cyan (68%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.3870, 12.3320, 7.7880 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 65.3870, 12.3320, 7.7880 by changing the saturation by 10% instead.

65.3870, 12.3320,
7.7880

65.3870, 12.3320,
7.7880

255.0000, -0.0000,
-0.0000

43.0880, 11.7360,
7.5760

113.3980, 13.7990,
8.7350

22.1910, 9.9480,
6.9400

138.6970, 14.3950,
8.9470

0.0000, 0.0000,
0.0000

165.5830, 14.7160,
8.6360

192.4090, 15.2660,
9.6820

220.5940, 16.1830,
9.5830

244.2230, 6.9220,

6.7140

■ 65.3870, 12.3320,
7.7880

■ 65.3870, 12.3320,
7.7880

■ 60.0070, 16.4580,
10.1060

■ 70.7670, 8.2060,
5.4700

■ 54.7410, 20.2630,
12.7350

■ 76.0330, 4.4010,
2.8410

■ 48.7740, 24.6640,
15.5760

■ 82.0000, 0.0000,
-0.0000

■ 43.5080, 28.4690,
18.2050

■ 87.2660, -3.8050,
-2.6290

■ 38.1280, 32.5950,
20.5230

■ 92.6460, -7.9310,
-4.9470

■ 32.8620, 36.4000,
23.1520

■ 97.9120, -11.7360,
-7.5760

■ 27.4820, 40.5260,
25.4700

■ 103.2920,
-15.8620, -9.8940

■ 109.2590,
-20.2630, -12.7350

■ 114.5250,
-24.0680, -15.3640

Harmonies

Analogous

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



65.4940, 4.7210, 8.0570



65.3870, 12.3320, 7.7880



64.5460, 16.1380, 4.8900

Triad

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



65.3870, 12.3320, 7.7880



62.6380, 3.7150, -6.7570



60.9960, -20.5400, -2.2040

Complementary

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



65.3870, 12.3320, 7.7880



73.6130, -12.3320, -7.7880

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.



59.4750, -20.6310, -6.0630



65.3870, 12.3320, 7.7880



61.2070, -5.3170, -8.2690

Square

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



65.3870, 12.3320, 7.7880



63.6390, 11.1420, -3.6900



59.9440, -14.7620, -7.8020



62.8660, -14.1220, 2.6300

Rectangle

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



65.3870, 12.3320, 7.7880



64.5520, 16.0010, 1.8650



59.9440, -14.7620, -7.8020



59.8710, -21.6860, -3.4620

Sweetspot

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



65.3870, 12.3320, 7.7880



100.4460, 4.6760, 3.3640



64.9330, 2.1070, 11.3790



50.0220, 2.9340, 1.8940



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



65.3870, 12.3320, 7.7880



80.4420, 19.6670, 12.5230



66.8230, 13.8000, 3.2080



38.3100, 2.0630, 1.1590



35.2710, 51.6660, 32.8340



77.8040, 114.5180, 72.1980

Inverse Universe

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



65.3870, 12.3320, 7.7880



80.4420, 19.6670, 12.5230



72.1770, -13.8000, -3.2080



38.3100, 2.0630, 1.1590



35.2710, 51.6660, 32.8340



77.8040, 114.5180, 72.1980

Previews

White Background



This preview shows how the YIQ color 65.3870, 12.3320, 7.7880 looks on a white background.

Color Contrast Check

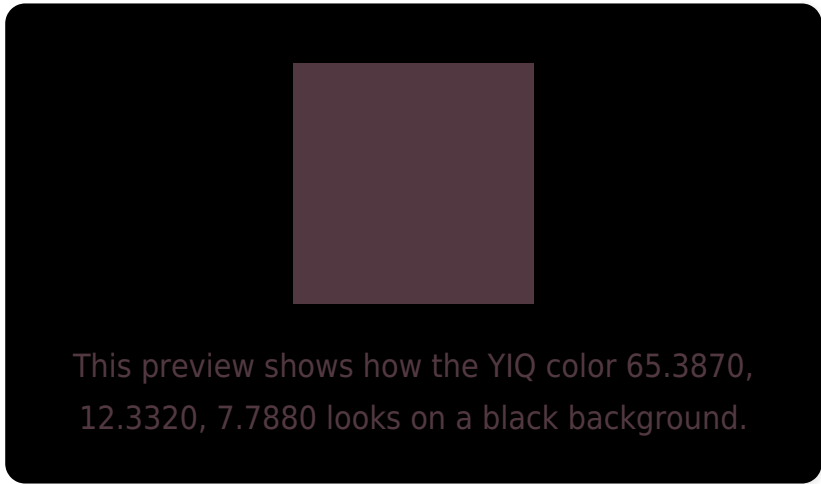
Large Text (above 18pt) WCAG AA ✓ Pass

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

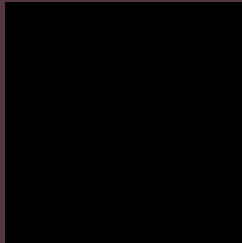
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.3870, 12.3320, 7.7880

Background



This preview shows how black text looks on a background with the YIQ color 65.3870, 12.3320, 7.7880.



This preview shows how white text looks on a background with the YIQ color 65.3870, 12.3320,

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

65.3870, 12.3320, 7.7880

Protanopia

64.5700, -1.6050, 1.5550

Deuteranopia

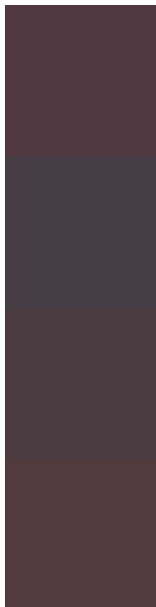
64.6200, 4.1260, 2.3180



Tritanopia

65.6320, 13.0200, 6.3320

Trichromacy



Original Color

65.3870, 12.3320, 7.7880

Protanomaly

64.7880, 3.7130, 4.2970

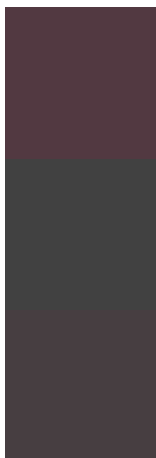
Deuteranomaly

64.6420, 7.0600, 4.2120

Tritanomaly

65.7460, 12.6990, 6.6430

Monochromacy



Original Color

65.3870, 12.3320, 7.7880

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.3870, 12.3320, 7.7880 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(82, 57, 65)` looks like.

```
.text, #text, p{  
    color:rgb(82, 57, 65)  
}
```

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(82, 57, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 57, 65) }
```

Border

The CSS property to change the border of an element to YIQ 65.3870, 12.3320, 7.7880 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(82, 57, 65) }
```


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

```
.border{ border-color:rgb(82, 57, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 57, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 57, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 57, 65);  
box-shadow:4px 4px 4px 4px rgb(82, 57, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.3870, 12.3320, 7.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 57, 65) }
```

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

```
.background{ background-color: rgb(82, 57,  
65) }
```

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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