

Converting Colors

YIQ(52.4590, 39.3330, 30.5730)

Have a look what the booklet for
YIQ(52.4590, 39.3330, 30.5730)
contains.

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Color

**YIQ(52.4590, 39.3330,
30.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	6D163D
RGB	109, 22, 61
RGB Percent	43%, 9%, 24%
CMY	0.5723, 0.9138, 0.7607
CMYK	0.00, 0.80, 0.44, 0.57
HSL	333°, 66%, 26%
HSV	333°, 80%, 43%
XYZ	7.4433, 4.1646, 4.8310
YIQ	52.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

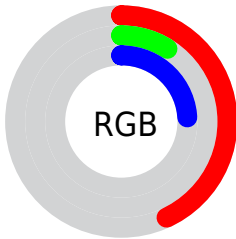
Format	Color
R_{YB}	109, 22, 61
Decimal	7149117
CIE _{Lab}	24.21, 40.61, -1.48
CIE _{LCh}	24, 40.632, 357.915
Yxy	4.1646, 0.4528, 0.2533
Android (android.graphics.Color)	4285339197 (0xFF6D163D)
YUV	52.4590, 4.2107, 49.5865
Hunter-Lab	20.4075, 29.3921, 0.2498

Details

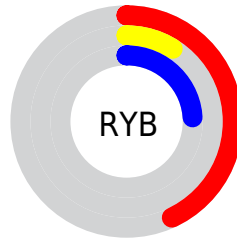
The YIQ color **52.4590, 39.3330, 30.5730** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.5410, -39.3330, -30.5730**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.3730, 42.4510, 29.1310**, and **19.2090, 27.8730, 17.9930** is the 20% darker color. If you saturate the color by 10%, you get **45.3180, 44.2840, 34.4600**, and if you desaturate by 10%, it is **59.6000, 34.3820, 26.6860**.

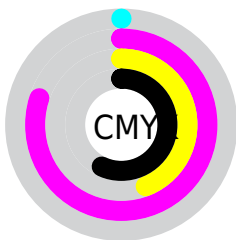
Distribution



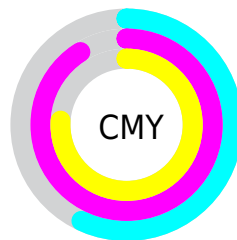
- Red (43%)
- Green (9%)
- Blue (24%)



- Red (43%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (57%)



- Cyan (57%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.4590, 39.3330, 30.5730 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 52.4590, 39.3330, 30.5730 by changing the saturation by 10% instead.

■ 52.4590, 39.3330,
30.5730

■ 52.4590, 39.3330,
30.5730

■ 255.0000, -0.0000,
-0.0000

■ 28.9640, 36.3530,
29.5130

■ 105.3730, 42.4510,
29.1310

■ 19.2090, 27.8730,
17.9930

■ 131.6830, 44.5140,
30.2900

■ 8.7850, 16.9630,
6.4590

■ 159.1670, 46.0270,
30.4030


■ 0.0000, 0.0000,
0.0000


■ 186.1780, 47.4940,
31.3500


■ 206.8880, 33.5110,
25.9510


■ 226.6300, 16.5020,


20.3260


 245.0210, 4.6750,
8.8910


 52.4590, 39.3330,
30.5730


 52.4590, 39.3330,
30.5730


 45.3180, 44.2840,
34.4600


 59.6000, 34.3820,
26.6860

 38.1770, 49.2350,
38.3470

 66.7410, 29.4310,
22.7990

 73.8820, 24.4800,
18.9120

 81.0230, 19.5290,
15.0250

 87.5770, 14.8530,
11.6610

■ 94.7180, 9.9020,
7.7740

■ 101.8590, 4.9510,
3.8870

■ 109.0000, -0.0000,
0.0000

■ 116.1410, -4.9510,
-3.8870

Harmonies

Analogous

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



57.7260, 16.5920, 29.7120



52.4590, 39.3330, 30.5730



52.5610, 47.3130, 18.1050

Triad

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



52.4590, 39.3330, 30.5730



50.4250, 8.0280, -24.3560



52.9290, -53.9640, -2.1880

Complementary

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



52.4590, 39.3330, 30.5730



78.5410, -39.3330, -30.5730

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.



51.3670, -46.8100, -10.6980



52.4590, 39.3330, 30.5730



43.1250, -26.3580, -28.9340

Square

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



52.4590, 39.3330, 30.5730



54.1120, 28.3830, -13.2890



47.8330, -36.8590, -20.3390



49.9600, -55.2490, 4.5830

Rectangle

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



52.4590, 39.3330, 30.5730



53.7590, 46.2150, 4.9590



47.8330, -36.8590, -20.3390



52.8320, -52.3130, -4.5770

Sweetspot

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



52.4590, 39.3330, 30.5730



120.8760, 15.4490, 11.8730



46.2700, 0.6810, 37.2330



58.0060, 9.0310, 7.0390



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



52.4590, 39.3330, 30.5730



53.9170, 62.0710, 48.0150



50.3610, 50.7520, 16.3520



50.1360, 2.6130, 2.2050



41.0250, 52.7190, 41.2870



85.7950, 110.7100, 86.1500

Inverse Universe

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



52.4590, 39.3330, 30.5730



53.9170, 62.0710, 48.0150



80.6390, -50.7520, -16.3520



50.1360, 2.6130, 2.2050



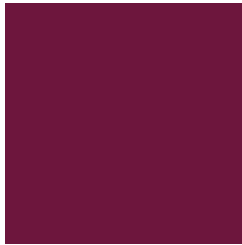
41.0250, 52.7190, 41.2870



85.7950, 110.7100, 86.1500

Previews

White Background



This preview shows how the YIQ color 52.4590, 39.3330, 30.5730 looks on a white background.

Color Contrast Check

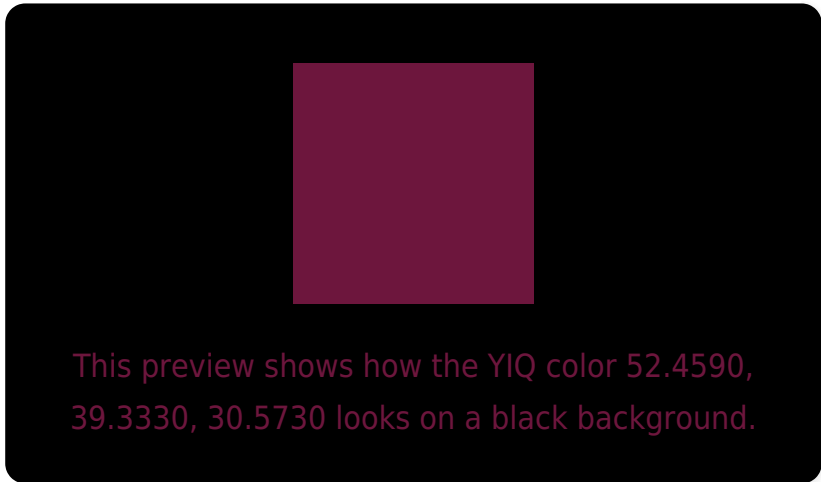
Large Text (above 18pt) WCAG AA ✓ Pass

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

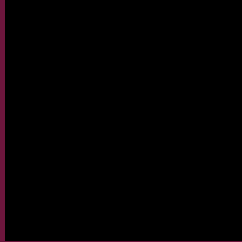
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.4590, 39.3330, 30.5730

Background



This preview shows how black text looks on a background with the YIQ color 52.4590, 39.3330, 30.5730.



This preview shows how white text looks on a background with the YIQ color 52.4590, 39.3330,

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

52.4590, 39.3330, 30.5730

Protanopia

59.6430, -11.8760, 5.9800

Deuteranopia

59.6910, 5.3640, 1.9080



Tritanopia

53.8380, 44.9750, 16.4230

Trichromacy



Original Color

52.4590, 39.3330, 30.5730

Protanomaly

57.3790, 6.7830, 14.7430

Deuteranomaly

56.9580, 18.1540, 12.4100

Tritanomaly

53.6300, 42.8650, 21.6250

Monochromacy



Original Color

52.4590, 39.3330, 30.5730

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.1640, 14.5780, 11.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.4590, 39.3330, 30.5730 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(109, 22, 61)` looks like.

```
.text, #text, p{  
    color:rgb(109, 22, 61)  
}
```

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(109, 22, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 22, 61) }
```

Border

The CSS property to change the border of an element to YIQ 52.4590, 39.3330, 30.5730 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(109, 22, 61) }
```


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

```
.border{ border-color:rgb(109, 22, 61) }
```

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

Here you see how a box with a 4 pixel rgb(109, 22, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 22, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 22, 61);  
box-shadow:4px 4px 4px 4px rgb(109, 22,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 52.4590, 39.3330, 30.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 22, 61) }
```

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

```
.background{ background-color: rgb(109, 22,  
61) }
```

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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