

Converting Colors

YIQ(51.5250, 38.9670, 26.1910)

Have a look what the booklet for
YIQ(51.5250, 38.9670, 26.1910)
contains.

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Color

**YIQ(51.5250, 38.9670,
26.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	691835
RGB	105, 24, 53
RGB Percent	41%, 9%, 21%
CMY	0.5880, 0.9060, 0.7920
CMYK	0.00, 0.77, 0.50, 0.59
HSL	338°, 63%, 25%
HSV	338°, 77%, 41%
XYZ	6.8013, 3.9157, 3.7696
YIQ	51.5250, 38.9670, 26.1910

Conversions

Conversions Part 2

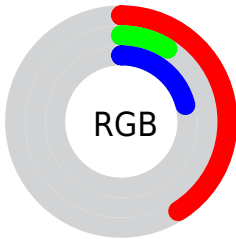
Format	Color
R_{YB}	105, 24, 53
Decimal	6887477
CIE Lab	23.39, 37.79, 2.73
CIE LCh	23, 37.892, 4.134
Yxy	3.9157, 0.4695, 0.2703
Android (android.graphics.Color)	4285077557 (0xFF691835)
YUV	51.5250, 0.7272, 46.8976
Hunter-Lab	19.7882, 26.7222, 2.5573

Details

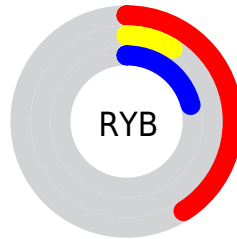
The YIQ color **51.5250, 38.9670, 26.1910** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.4750, -38.9670, -26.1910**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.1510, 42.9560, 25.4840**, and **16.9440, 29.9370, 13.6250** is the 20% darker color. If you saturate the color by 10%, you get **44.2700, 44.2390, 29.7670**, and if you desaturate by 10%, it is **58.1930, 33.9700, 23.1380**.

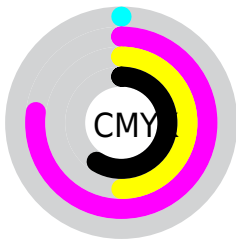
Distribution



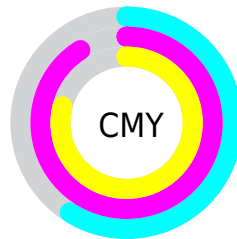
- Red (41%)
- Green (9%)
- Blue (21%)



- Red (41%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (50%)
- Black (59%)



- Cyan (59%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.5250, 38.9670, 26.1910 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 51.5250, 38.9670, 26.1910 by changing the saturation by 10% instead.

■ 51.5250, 38.9670,
26.1910

■ 51.5250, 38.9670,
26.1910

■ 255.0000, -0.0000,
-0.0000

■ 26.9700, 36.2160,
26.4880

■ 103.1510, 42.9560,
25.4840

■ 17.0580, 29.6160,
13.9360

■ 129.6350, 44.4690,
25.5970

■ 6.2790, 12.5160,
4.4520

■ 156.5320, 46.2570,
26.2330


■ 0.0000, 0.0000,
0.0000


■ 183.8420, 48.3200,
27.3920


■ 205.7480, 36.7210,
22.8410


■ 225.3760, 20.0330,


16.9050


 244.4340, 4.9500,
9.4140


 51.5250, 38.9670,
26.1910


 51.5250, 38.9670,
26.1910


 44.2700, 44.2390,
29.7670


 58.1930, 33.9700,
23.1380


 37.7160, 48.9150,
33.1310

 65.4480, 28.6980,
19.5620

 35.7270, 50.3820,
34.0780

 72.0020, 24.0220,
16.1980

 79.2570, 18.7500,
12.6220

 85.9250, 13.7530,
9.5690

■ 93.0660, 8.8020,
5.6820

■ 100.3210, 3.5300,
2.1060

■ 106.9890, -1.4670,
-0.9470

■ 114.2440, -6.7390,
-4.5230

Harmonies

Analogous

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



55.5260, 20.0310, 27.9590



51.5250, 38.9670, 26.1910



51.6590, 43.9210, 13.4970

Triad

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



51.5250, 38.9670, 26.1910



47.7450, 4.1310, -25.3170



50.3530, -52.2220, -0.7180

Complementary

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



51.5250, 38.9670, 26.1910



77.4750, -38.9670, -26.1910

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.



49.8340, -46.6270, -8.5070



51.5250, 38.9670, 26.1910



42.6350, -27.7340, -26.0220

Square

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



51.5250, 38.9670, 26.1910



52.6060, 23.9360, -15.2960



46.6420, -37.6390, -17.2150



46.9280, -52.2230, 4.8090

Rectangle

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



51.5250, 38.9670, 26.1910



52.3840, 42.7770, 1.1850



46.6420, -37.6390, -17.2150



50.2560, -50.5710, -3.1070

Sweetspot

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



51.5250, 38.9670, 26.1910



116.8220, 15.5410, 10.2050



48.4830, 4.3950, 36.0030



56.3650, 9.3980, 5.8940



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



51.5250, 38.9670, 26.1910



53.5160, 61.5220, 41.4420



54.6760, 45.2510, 11.4190



50.0220, 2.9340, 1.8940



39.7710, 56.2500, 37.8660



83.2870, 117.7720, 79.3080

Inverse Universe

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



51.5250, 38.9670, 26.1910



53.5160, 61.5220, 41.4420



74.3240, -45.2510, -11.4190



50.0220, 2.9340, 1.8940



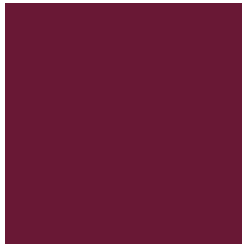
39.7710, 56.2500, 37.8660



83.2870, 117.7720, 79.3080

Previews

White Background



This preview shows how the YIQ color 51.5250, 38.9670, 26.1910 looks on a white background.

Color Contrast Check

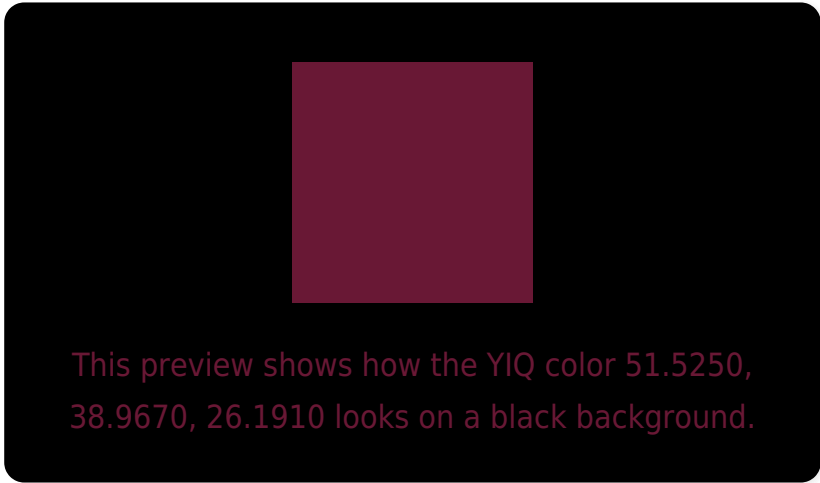
Large Text (above 18pt) WCAG AA ✓ Pass

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

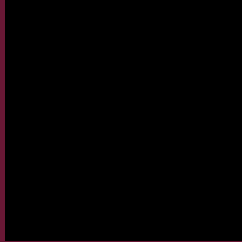
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.5250, 38.9670, 26.1910

Background



This preview shows how black text looks on a background with the YIQ color 51.5250, 38.9670, 26.1910.



This preview shows how white text looks on a background with the YIQ color 51.5250, 38.9670,

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

51.5250, 38.9670, 26.1910

Protanopia

57.6990, -6.2820, 3.7180

Deuteranopia

57.6050, 8.4820, 0.4660



Tritanopia

52.2400, 43.7830, 15.9990

Trichromacy



Original Color

51.5250, 38.9670, 26.1910

Protanomaly

55.5380, 10.5890, 11.8450

Deuteranomaly

55.4480, 19.5300, 9.4980

Tritanomaly

51.9780, 41.7650, 19.5330

Monochromacy



Original Color

51.5250, 38.9670, 26.1910

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8110, 14.0740, 9.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.5250, 38.9670, 26.1910 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(105, 24, 53)` looks like.

```
.text, #text, p{  
    color:rgb(105, 24, 53)  
}
```

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(105, 24, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 24, 53) }
```

Border

The CSS property to change the border of an element to YIQ 51.5250, 38.9670, 26.1910 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(105, 24, 53) }
```


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

```
.border{ border-color:rgb(105, 24, 53) }
```

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

Here you see how a box with a 4 pixel rgb(105, 24, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 24, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 24, 53);  
box-shadow:4px 4px 4px 4px rgb(105, 24,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 51.5250, 38.9670, 26.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 24, 53) }
```

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

```
.background{ background-color: rgb(105, 24,  
53) }
```

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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