

Converting Colors

YIQ(52.5220, 35.0220, 37.1180)

Have a look what the booklet for
YIQ(52.5220, 35.0220, 37.1180)
contains.

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Color

**YIQ(52.5220, 35.0220,
37.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	6D134D
RGB	109, 19, 77
RGB Percent	43%, 7%, 30%
CMY	0.5723, 0.9256, 0.6979
CMYK	0.00, 0.83, 0.29, 0.57
HSL	321°, 70%, 25%
HSV	321°, 83%, 43%
XYZ	7.8872, 4.2559, 7.4314
YIQ	52.5220, 35.0220, 37.1180

Conversions

Conversions Part 2

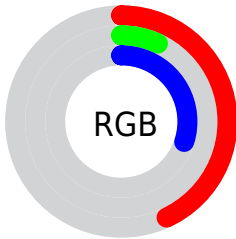
Format	Color
R_{YB}	109, 19, 77
Decimal	7148365
CIE _{Lab}	24.50, 43.52, -11.91
CIE _{LCh}	24, 45.118, 344.699
Yxy	4.2559, 0.4029, 0.2174
Android (android.graphics.Color)	4285338445 (0xFF6D134D)
YUV	52.5220, 12.0677, 49.5312
Hunter-Lab	20.6298, 32.1418, -6.9169

Details

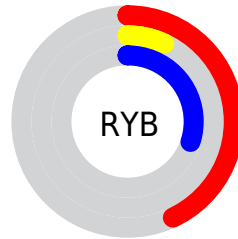
The YIQ color **52.5220, 35.0220, 37.1180** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.4780, -35.0220, -37.1180**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.2510, 37.2230, 35.7750**, and **21.1040, 23.9750, 22.5590** is the 20% darker color. If you saturate the color by 10%, you get **45.6090, 39.3310, 41.6270**, and if you desaturate by 10%, it is **59.4350, 30.7130, 32.6090**.

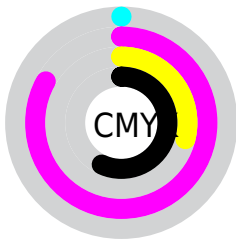
Distribution



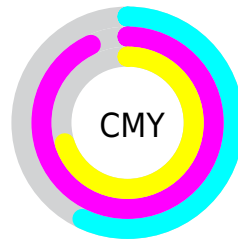
- Red (43%)
- Green (7%)
- Blue (30%)



- Red (43%)
- Yellow (7%)
- Blue (30%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (57%)



- Cyan (57%)
- Magenta (93%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5220, 35.0220, 37.1180 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 52.5220, 35.0220, 37.1180 by changing the saturation by 10% instead.

■ 52.5220, 35.0220,
37.1180

■ 52.5220, 35.0220,
37.1180

■ 255.0000, -0.0000,
-0.0000

■ 30.9730, 32.1340,
34.3900

■ 106.2510, 37.2230,
35.7750

■ 21.1040, 23.9750,
22.5590

■ 132.8490, 38.4150,
36.1990

■ 10.6650, 17.4210,
9.1730

■ 160.4470, 39.6070,
36.6230


■ 0.0000, 0.0000,
0.0000


■ 188.0450, 40.7990,
37.0470


■ 208.6950, 27.0450,
33.0050


■ 227.4110, 12.9250,


24.5810

 244.4340, 4.9500,
9.4140


 52.5220, 35.0220,
37.1180


 52.5220, 35.0220,
37.1180


 45.6090, 39.3310,
41.6270


 59.4350, 30.7130,
32.6090

 40.5710, 42.4940,
44.8780

 66.3480, 26.4040,
28.1000

 73.2610, 22.0950,
23.5910

 80.1740, 17.7860,
19.0820

 86.9730, 13.7980,
14.2620

■ 93.2990, 9.7640,
10.2760

■ 100.2120, 5.4550,
5.7670

■ 107.1250, 1.1460,
1.2580

■ 114.0380, -3.1630,
-3.2510

Harmonies

Analogous

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



59.2990, 1.7370, 29.1050



52.5220, 35.0220, 37.1180



48.1030, 52.0790, 30.8550

Triad

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



52.5220, 35.0220, 37.1180



53.4370, 16.9220, -20.3420



54.3480, -53.8260, -4.6900

Complementary

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



52.5220, 35.0220, 37.1180



75.4780, -35.0220, -37.1180

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.



51.4010, -44.1500, -14.8540



52.5220, 35.0220, 37.1180



43.1940, -13.6110, -34.1790

Square

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



52.5220, 35.0220, 37.1180



55.3630, 38.1020, -7.7060



46.7100, -32.3190, -25.5270



53.4650, -58.2290, 3.5230

Rectangle

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



52.5220, 35.0220, 37.1180



51.1440, 52.8610, 16.6770



46.7100, -32.3190, -25.5270



53.2080, -50.6160, -7.8000

Sweetspot

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



52.5220, 35.0220, 37.1180



120.3860, 14.0730, 14.7850



38.8280, -9.8180, 34.7740



57.8750, 8.0220, 8.8060



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.



52.5220, 35.0220, 37.1180



53.9460, 55.1000, 58.7160



47.3920, 49.4670, 23.1230



50.2500, 2.2920, 2.5160



43.6470, 45.3360, 48.4400



91.2670, 95.3020, 101.0780

Inverse Universe

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



52.5220, 35.0220, 37.1180



53.9460, 55.1000, 58.7160



80.6080, -49.4670, -23.1230



50.2500, 2.2920, 2.5160



43.6470, 45.3360, 48.4400



91.2670, 95.3020, 101.0780

Previews

White Background



This preview shows how the YIQ color 52.5220, 35.0220, 37.1180 looks on a white background.

Color Contrast Check

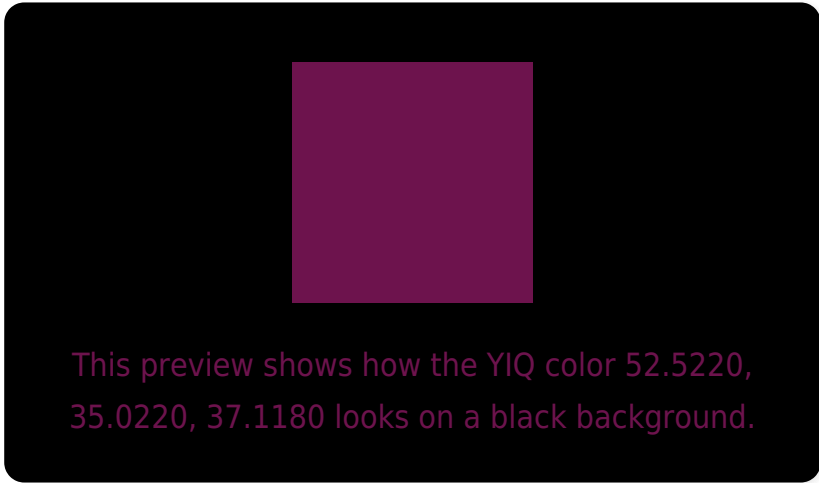
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5220, 35.0220, 37.1180

Background



This preview shows how black text looks on a background with the YIQ color 52.5220, 35.0220, 37.1180.



This preview shows how white text looks on a background with the YIQ color 52.5220, 35.0220,

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

52.5220, 35.0220, 37.1180

Protanopia

58.2640, -26.6860, 10.0660

Deuteranopia

60.7810, -3.5770, 4.2550



Tritanopia

55.7560, 42.2700, 15.8860

Trichromacy



Original Color

52.5220, 35.0220, 37.1180

Protanomaly

55.7940, -4.4510, 20.1010

Deuteranomaly

57.5860, 10.6340, 16.5380

Tritanomaly

54.8300, 39.4260, 23.3780

Monochromacy



Original Color

52.5220, 35.0220, 37.1180

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.9620, 12.3310, 13.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5220, 35.0220, 37.1180 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, 19, 77)` looks like.

```
.text, #text, p{  
    color:rgb(109, 19, 77)  
}
```

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, 19, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 19, 77) }
```

Border

The CSS property to change the border of an element to YIQ 52.5220, 35.0220, 37.1180 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, 19, 77) }
```


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

```
.border{ border-color:rgb(109, 19, 77) }
```

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

Here you see how a box with a 4 pixel rgb(109, 19, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 19, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 19, 77);  
box-shadow:4px 4px 4px 4px rgb(109, 19,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 52.5220, 35.0220, 37.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 19, 77) }
```

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

```
.background{ background-color: rgb(109, 19,  
77) }
```

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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