

Converting Colors

YIQ(37.1980, 27.5470, 45.9390)

Have a look what the booklet for
YIQ(37.1980, 27.5470, 45.9390)
contains.

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Color

**YIQ(37.1980, 27.5470,
45.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0055
RGB	92, 0, 85
RGB Percent	36%, 0%, 33%
CMY	0.6389, 1.0000, 0.6666
CMYK	0.00, 1.00, 0.08, 0.64
HSL	305°, 100%, 18%
HSV	305°, 100%, 36%
XYZ	6.0607, 2.9349, 8.8437
YIQ	37.1980, 27.5470, 45.9390

Conversions

Conversions Part 2

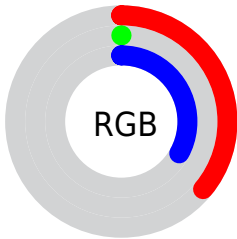
Format	Color
R_{YB}	92, 0, 85
Decimal	6029397
CIE _{Lab}	19.78, 45.52, -24.92
CIE _{LCh}	20, 51.900, 331.302
Yxy	2.9349, 0.3397, 0.1645
Android (android.graphics.Color)	4284219477 (0xFF5C0055)
YUV	37.1980, 23.5664, 48.0614
Hunter-Lab	17.1317, 33.1678, -18.6145

Details

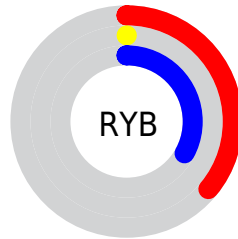
The YIQ color **37.1980, 27.5470, 45.9390** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **54.8020, -27.5470, -45.9390**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5520, 26.3100, 40.8220**, and **18.0150, 13.9800, 21.9800** is the 20% darker color. If you saturate the color by 10%, you get **37.1980, 27.5470, 45.9390**, and if you desaturate by 10%, it is **42.5950, 24.7510, 41.5430**.

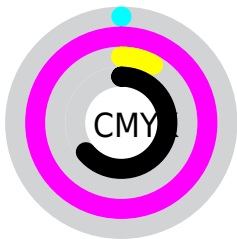
Distribution



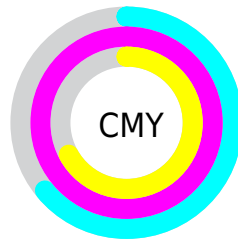
- Red (36%)
- Green (0%)
- Blue (33%)



- Red (36%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (64%)





- Cyan (64%)
- Magenta (100%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 37.1980, 27.5470, 45.9390 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 37.1980, 27.5470, 45.9390 by changing the saturation by 10% instead.


 37.1980, 27.5470,
45.9390


 37.1980, 27.5470,
45.9390


 253.2390, 0.8250,
1.5690


 26.8020, 19.4340,
33.2740

 94.5520, 26.3100,
40.8220


 18.0150, 13.9800,
21.9800


 121.1500, 27.5020,
41.2460

 1.9380, -5.4570,
5.2870

 147.9760, 28.0520,
42.2920

 0.0000, 0.0000,
0.0000

 175.1010, 29.1980,
43.5500

 202.2040, 27.4100,
42.9140

 219.7800, 16.5000,

31.3800

■ 236.2160, 8.8000,
16.7360

■ 37.1980, 27.5470,
45.9390

■ 42.5950, 24.7510,
41.5430

■ 47.8780, 22.2760,
36.8360

■ 53.8620, 19.2050,
31.9170

■ 59.2590, 16.4090,
27.5210

■ 64.6560, 13.6130,
23.1250

■ 69.9390, 11.1380,
18.4180

■ 75.3360, 8.3420,
14.0220

■ 81.3200, 5.2710,
9.1030

■ 86.6030, 2.7960,
4.3960

Harmonies

Analogous

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



45.7890, -23.2500, 24.8940



37.1980, 27.5470, 45.9390



38.3620, 50.1520, 38.2480

Triad

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



37.1980, 27.5470, 45.9390



45.2300, 22.2390, -12.0730



46.8990, -45.2520, -5.8920

Complementary

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



37.1980, 27.5470, 45.9390



54.8020, -27.5470, -45.9390

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.



41.9800, -32.7790, -17.1870



37.1980, 27.5470, 45.9390



37.9550, -5.2680, -25.6840

Square

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



37.1980, 27.5470, 45.9390



43.9220, 44.1980, 2.9660



35.6760, -17.7840, -30.1360



48.9170, -53.6900, 3.8620

Rectangle

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



37.1980, 27.5470, 45.9390



35.2130, 57.5810, 30.2610



35.6760, -17.7840, -30.1360



45.5310, -41.4000, -9.6240

Sweetspot

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



37.1980, 27.5470, 45.9390



98.5260, 10.8630, 17.8950



12.2820, -25.9560, 29.8840



47.9720, 6.3710, 11.1950



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



37.1980, 27.5470, 45.9390



48.5340, 35.8890, 59.9610



32.0680, 41.9920, 31.9440



43.0650, 1.3750, 2.6150



44.4040, 33.1390, 54.7310



95.8290, 70.9530, 118.3530

Inverse Universe

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



37.1980, 27.5470, 45.9390



48.5340, 35.8890, 59.9610



59.9320, -41.9920, -31.9440



43.0650, 1.3750, 2.6150



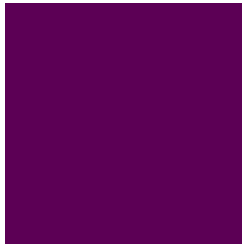
44.4040, 33.1390, 54.7310



95.8290, 70.9530, 118.3530

Previews

White Background



This preview shows how the YIQ color 37.1980, 27.5470, 45.9390 looks on a white background.

Color Contrast Check

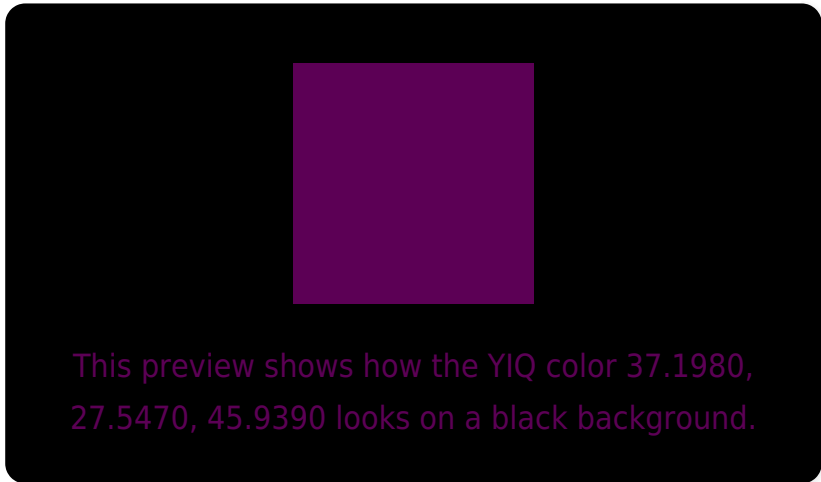
Large Text (above 18pt) WCAG AA ✓ Pass

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

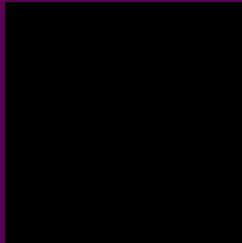
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.1980, 27.5470, 45.9390

Background



This preview shows how black text looks on a background with the YIQ color 37.1980, 27.5470, 45.9390.



This preview shows how white text looks on a background with the YIQ color 37.1980, 27.5470,

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

37.1980, 27.5470, 45.9390

Protanopia

41.4340, -47.7760, 6.8160

Deuteranopia

51.0060, -17.3320, 5.7400



Tritanopia

49.3740, 31.5420, 12.0700

Trichromacy



Original Color

37.1980, 27.5470, 45.9390

Protanomaly

39.8230, -20.5900, 20.7380

Deuteranomaly

46.0610, -0.8290, 20.5390

Tritanomaly

44.9800, 30.2560, 24.3680

Monochromacy



Original Color

37.1980, 27.5470, 45.9390

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2870, 10.0380, 16.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.1980, 27.5470, 45.9390 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(92, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 85)  
}
```

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(92, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 85) }
```

Border

The CSS property to change the border of an element to YIQ 37.1980, 27.5470, 45.9390 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(92, 0, 85) }
```


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

```
.border{ border-color:rgb(92, 0, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 0, 85); box-shadow:4px  
4px 4px 4px rgb(92, 0, 85) }
```

Background

The CSS property to change the background color of an element to YIQ 37.1980, 27.5470, 45.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 85) }
```

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

```
.background{ background-color: rgb(92, 0,  
85) }
```

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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