

Converting Colors

YIQ(27.4060, 3.2940, 39.4380)

Have a look what the booklet for
YIQ(27.4060, 3.2940, 39.4380)
contains.

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Color

**YIQ(27.4060, 3.2940,
39.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	37015B
RGB	55, 1, 91
RGB Percent	22%, 0%, 36%
CMY	0.7841, 0.9962, 0.6432
CMYK	0.39, 0.99, 0.00, 0.64
HSL	276°, 98%, 18%
HSV	276°, 99%, 36%
XYZ	3.4764, 1.5899, 10.0179
YIQ	27.4060, 3.2940, 39.4380

Conversions

Conversions Part 2

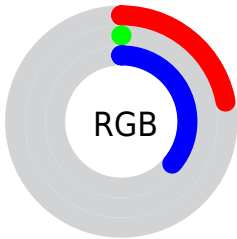
Format	Color
R_{YB}	55, 1, 91
Decimal	3604827
CIE _{Lab}	13.17, 40.25, -40.00
CIE _{LCh}	13, 56.743, 315.177
Yxy	1.5899, 0.2305, 0.1054
Android (android.graphics.Color)	4281794907 (0xFF37015B)
YUV	27.4060, 31.3518, 24.1999
Hunter-Lab	12.6090, 27.1490, -38.2801

Details

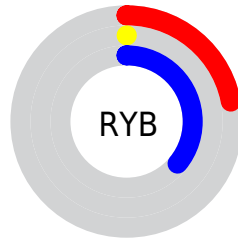
The YIQ color **27.4060, 3.2940, 39.4380** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64.5940, -3.2940, -39.4380**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2920, 3.6150, 39.1270**, and **5.0160, -14.1240, 13.6840** is the 20% darker color. If you saturate the color by 10%, you get **26.8190, 3.5690, 39.9610**, and if you desaturate by 10%, it is **33.8850, 3.2030, 35.5790**.

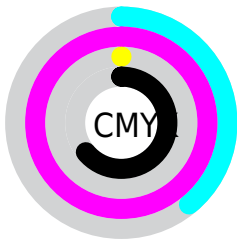
Distribution



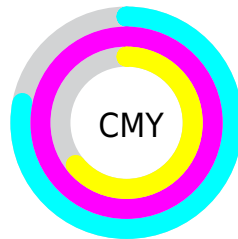
- Red (22%)
- Green (0%)
- Blue (36%)



- Red (22%)
- Yellow (0%)
- Blue (36%)



- Cyan (39%)
- Magenta (99%)
- Yellow (0%)
- Black (64%)



- Cyan (78%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.4060, 3.2940, 39.4380 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 27.4060, 3.2940, 39.4380 by changing the saturation by 10% instead.

■ 27.4060, 3.2940,
39.4380

■ 27.4060, 3.2940,
39.4380

■ 245.6080, 4.4000,
8.3680

■ 16.9070, -3.0310,
27.4090

■ 79.2920, 3.6150,
39.1270

■ 5.0160, -14.1240,
13.6840

■ 104.8190, 3.5690,
39.9610

■ 3.0950, -7.3370,
6.3190

■ 130.9440, 4.7150,
41.2190


■ 0.0000, 0.0000,
0.0000


■ 157.8840, 4.9440,
42.5760


■ 184.7100, 5.4940,
43.6220


■ 210.0450, 14.4360,

35.7480


 229.1720, 12.1000,
23.0120

 27.4060, 3.2940,
39.4380


 27.4060, 3.2940,
39.4380


 26.8190, 3.5690,
39.9610

 33.8850, 3.2030,
35.5790

 40.0650, 2.5160,
31.5080

 46.5440, 2.4250,
27.6490

 53.0230, 2.3340,
23.7900

 59.2030, 1.6470,
19.7190

■ 66.2690, 1.2810,
15.3370

■ 72.4490, 0.5940,
11.2660

■ 78.9280, 0.5030,
7.4070

■ 85.4070, 0.4120,
3.5480

Harmonies

Analogous

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



32.8400, -45.6230, 17.3610



27.4060, 3.2940, 39.4380



33.1800, 35.9850, 36.1850

Triad

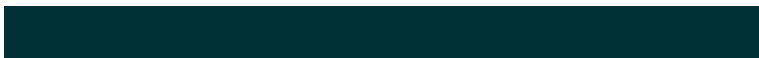
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.4060, 3.2940, 39.4380



32.3160, 28.2890, -0.5670



34.9190, -30.8090, -8.8330

Complementary

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



27.4060, 3.2940, 39.4380



64.5940, -3.2940, -39.4380

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.



29.2020, -16.0890, -22.3050



27.4060, 3.2940, 39.4380



29.4820, 3.8540, -14.7860

Square

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



27.4060, 3.2940, 39.4380



25.1160, 50.0640, 17.8080



26.4150, -12.3750, -23.5350



38.5500, -42.4110, 3.1970

Rectangle

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



27.4060, 3.2940, 39.4380



32.3090, 48.5030, 29.5830



26.4150, -12.3750, -23.5350



33.3230, -26.3150, -13.1870

Sweetspot

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



27.4060, 3.2940, 39.4380



92.2690, 1.2810, 15.3370



32.3920, -38.7900, 9.1620



43.9820, 0.4110, 9.0750



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



27.4060, 3.2940, 39.4380



34.2680, 4.1630, 51.2270



37.1440, 27.6390, 44.2710



42.4670, 0.1830, 2.1910



32.2740, 4.0260, 48.2020



69.4760, 8.5550, 103.8110

Inverse Universe

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



32.0140, 42.0840, 30.2760



40.3410, 54.6450, 39.4210



54.8560, -27.6390, -44.2710



42.7230, 2.3380, 1.6820



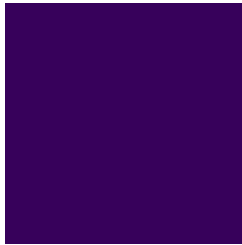
37.9060, 51.4360, 37.0040



81.6930, 110.7570, 79.7890

Previews

White Background



This preview shows how the YIQ color 27.4060, 3.2940, 39.4380 looks on a white background.

Color Contrast Check

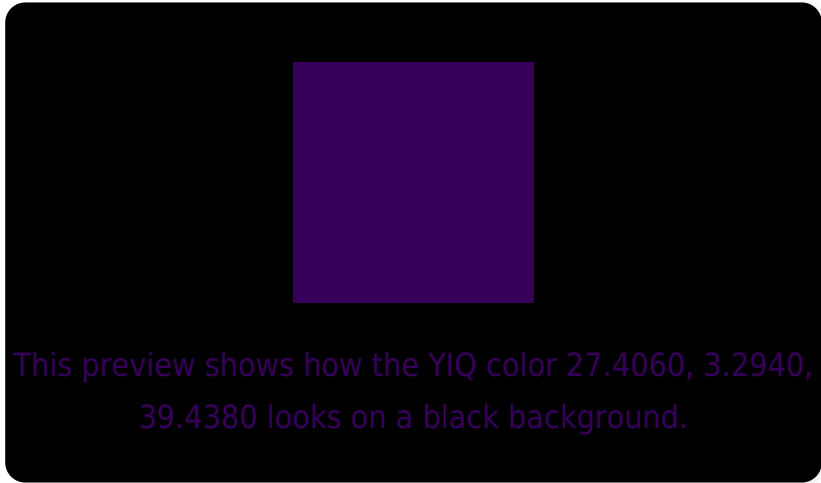
Large Text (above 18pt) WCAG AA ✓ Pass

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

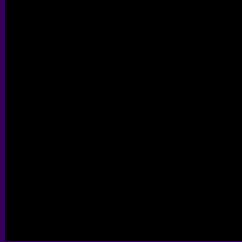
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.4060, 3.2940, 39.4380

Background



This preview shows how black text looks on a background with the YIQ color 27.4060, 3.2940, 39.4380.



This preview shows how white text looks on a background with the YIQ color 27.4060, 3.2940,

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

27.4060, 3.2940, 39.4380

Protanopia

30.4970, -34.8920, 4.5960

Deuteranopia

30.4170, -31.9110, 0.1290



Tritanopia

38.6200, 4.1260, 2.3180

Trichromacy



Original Color

27.4060, 3.2940, 39.4380

Protanomaly

29.4160, -21.0020, 17.1900

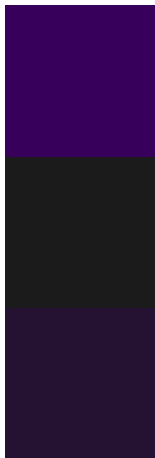
Deuteranomaly

29.2050, -19.0300, 14.4900

Tritanomaly

34.3510, 3.9860, 15.8740

Monochromacy



Original Color

27.4060, 3.2940, 39.4380

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.3290, 1.0520, 13.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.4060, 3.2940, 39.4380 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(55, 1, 91)` looks like.

```
.text, #text, p{  
    color:rgb(55, 1, 91)  
}
```

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(55, 1, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 1, 91) }
```

Border

The CSS property to change the border of an element to YIQ 27.4060, 3.2940, 39.4380 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(55, 1, 91) }
```


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

```
.border{ border-color:rgb(55, 1, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 1, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 1, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 1, 91); box-shadow:4px  
4px 4px 4px rgb(55, 1, 91) }
```

Background

The CSS property to change the background color of an element to YIQ 27.4060, 3.2940, 39.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 1, 91) }
```

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

```
.background{ background-color: rgb(55, 1,  
91) }
```

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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