

Converting Colors

YIQ(39.8740, 28.0990, 35.9310)

Have a look what the booklet for
YIQ(39.8740, 28.0990, 35.9310)
contains.

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Color

**YIQ(39.8740, 28.0990,
35.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	590946
RGB	89, 9, 70
RGB Percent	35%, 4%, 27%
CMY	0.6508, 0.9648, 0.7254
CMYK	0.00, 0.90, 0.21, 0.65
HSL	314°, 82%, 19%
HSV	314°, 90%, 35%
XYZ	5.3287, 2.7638, 6.0497
YIQ	39.8740, 28.0990, 35.9310

Conversions

Conversions Part 2

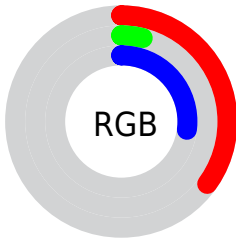
Format	Color
R_{YB}	89, 9, 70
Decimal	5835078
CIE _{Lab}	19.07, 40.19, -15.85
CIE _{LCh}	19, 43.206, 338.481
Yxy	2.7638, 0.3768, 0.1954
Android (android.graphics.Color)	4284025158 (0xFF590946)
YUV	39.8740, 14.8521, 43.0835
Hunter-Lab	16.6246, 28.1221, -9.9383

Details

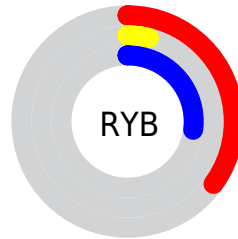
The YIQ color **39.8740, 28.0990, 35.9310** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **58.1260, -28.0990, -35.9310**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **93.5920, 28.8330, 33.6410**, and **15.6360, 16.3650, 17.3010** is the 20% darker color. If you saturate the color by 10%, you get **34.3630, 31.2160, 40.0160**, and if you desaturate by 10%, it is **45.3850, 24.9820, 31.8460**.

Distribution



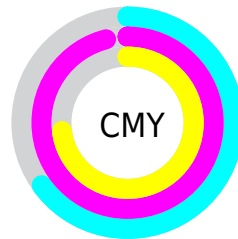
- Red (35%)
- Green (4%)
- Blue (27%)



- Red (35%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (65%)





- Cyan (65%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 39.8740, 28.0990, 35.9310 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 39.8740, 28.0990, 35.9310 by changing the saturation by 10% instead.


 39.8740, 28.0990,
35.9310


 39.8740, 28.0990,
35.9310

254.4130, 0.2750,
0.5230


 24.4940, 23.0570,
28.1850


 93.5920, 28.8330,
33.6410


 15.9350, 16.9610,
17.5130

 119.1900, 30.0250,
34.0650

 0.0000, 0.0000,
0.0000

 145.9020, 30.8960,
34.8000


 172.9130, 32.3630,
35.7470


 201.2120, 32.9590,
35.9590


 220.3670, 16.2250,


30.8570


 237.3900, 8.2500,
15.6900

 39.8740, 28.0990,
35.9310


 39.8740, 28.0990,
35.9310


 34.3630, 31.2160,
40.0160

 45.3850, 24.9820,
31.8460

 50.8960, 21.8650,
27.7610

 56.4070, 18.7480,
23.6760

 61.9180, 15.6310,
19.5910

 67.5430, 12.1930,
15.8170

■ 72.4670, 9.3510,
12.2550

■ 77.9780, 6.2340,
8.1700

■ 83.4890, 3.1170,
4.0850

■ 89.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



47.0590, -6.5150, 24.4690



39.8740, 28.0990, 35.9310



34.3460, 47.0810, 33.3290

Triad

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



39.8740, 28.0990, 35.9310



43.1260, 16.6000, -14.5040



44.3230, -43.5100, -4.4220

Complementary

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



39.8740, 28.0990, 35.9310



58.1260, -28.0990, -35.9310

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.



40.9030, -33.8800, -13.7520



39.8740, 28.0990, 35.9310



36.7700, -6.1850, -25.5850

Square

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



39.8740, 28.0990, 35.9310



43.8560, 35.3960, -2.7160



36.4400, -22.6910, -23.8030



44.8420, -49.1050, 3.3670

Rectangle

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



39.8740, 28.0990, 35.9310



35.8650, 49.5130, 22.2890



36.4400, -22.6910, -23.8030



43.2970, -40.6210, -7.2210

Sweetspot

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



39.8740, 28.0990, 35.9310



95.8910, 11.0930, 13.7250



23.8010, -14.3560, 28.9080



47.2770, 6.8300, 8.3820



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.



39.8740, 28.0990, 35.9310



44.3030, 40.6130, 51.4370



35.3140, 40.9390, 23.4910



40.5380, 1.4210, 1.7810



41.3410, 37.4500, 48.1860



90.6710, 82.6010, 105.4890

Inverse Universe

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



39.8740, 28.0990, 35.9310



44.3030, 40.6130, 51.4370



62.6860, -40.9390, -23.4910



40.5380, 1.4210, 1.7810



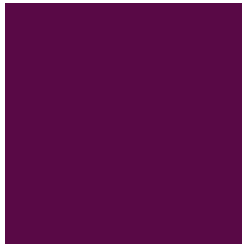
41.3410, 37.4500, 48.1860



90.6710, 82.6010, 105.4890

Previews

White Background



This preview shows how the YIQ color 39.8740, 28.0990, 35.9310 looks on a white background.

Color Contrast Check

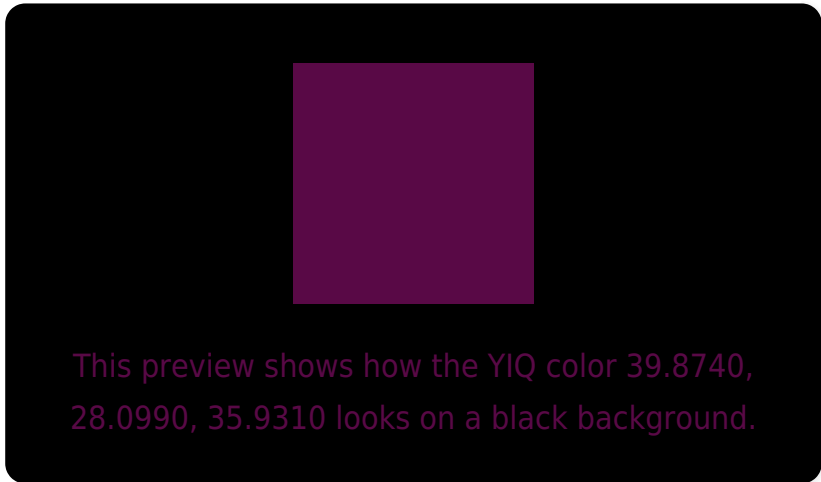
Large Text (above 18pt) WCAG AA ✓ Pass

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

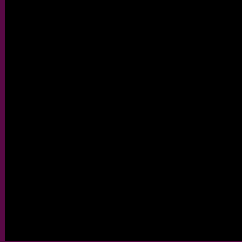
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.8740, 28.0990, 35.9310

Background



This preview shows how black text looks on a background with the YIQ color 39.8740, 28.0990, 35.9310.



This preview shows how white text looks on a background with the YIQ color 39.8740, 28.0990,

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

39.8740, 28.0990, 35.9310

Protanopia

43.2460, -35.4430, 9.0770

Deuteranopia

49.1550, -7.5660, 4.9620



Tritanopia

45.5700, 33.9260, 12.9180

Trichromacy



Original Color

39.8740, 28.0990, 35.9310

Protanomaly

41.9610, -12.2910, 19.0130

Deuteranomaly

45.8350, 5.4990, 15.9870

Tritanomaly

43.4700, 31.6320, 21.4560

Monochromacy



Original Color

39.8740, 28.0990, 35.9310

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.8740, 28.0990, 35.9310 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(89, 9, 70)` looks like.

```
.text, #text, p{  
    color:rgb(89, 9, 70)  
}
```

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(89, 9, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 9, 70) }
```

Border

The CSS property to change the border of an element to YIQ 39.8740, 28.0990, 35.9310 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(89, 9, 70) }
```


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

```
.border{ border-color:rgb(89, 9, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 9, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 9, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 9, 70); box-shadow:4px  
4px 4px 4px rgb(89, 9, 70) }
```

Background

The CSS property to change the background color of an element to YIQ 39.8740, 28.0990, 35.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 9, 70) }
```

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

```
.background{ background-color: rgb(89, 9,  
70) }
```

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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