

Converting Colors

YIQ(39.4970, 36.1700, 27.3220)

Have a look what the booklet for
YIQ(39.4970, 36.1700, 27.3220)
contains.

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Color

**YIQ(39.4970, 36.1700,
27.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0C2E
RGB	91, 12, 46
RGB Percent	36%, 5%, 18%
CMY	0.6429, 0.9530, 0.8195
CMYK	0.00, 0.87, 0.49, 0.64
HSL	334°, 77%, 20%
HSV	334°, 87%, 36%
XYZ	4.9444, 2.6865, 2.8458
YIQ	39.4970, 36.1700, 27.3220

Conversions

Conversions Part 2

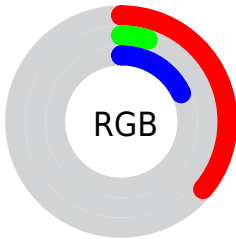
Format	Color
R_{YB}	91, 12, 46
Decimal	5966894
CIE Lab	18.74, 36.90, 0.55
CIE LCh	19, 36.905, 0.848
Yxy	2.6865, 0.4719, 0.2564
Android (android.graphics.Color)	4284156974 (0xFF5B0C2E)
YUV	39.4970, 3.2060, 45.1681
Hunter-Lab	16.3905, 25.1638, 1.1791

Details

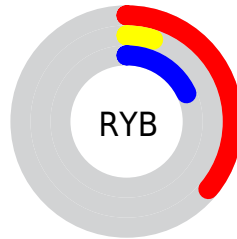
The YIQ color **39.4970, 36.1700, 27.3220** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.5030, -36.1700, -27.3220**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.9980, 39.0130, 25.3570**, and **13.2700, 25.9030, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **33.6440, 40.2500, 30.4740**, and if you desaturate by 10%, it is **45.3500, 32.0900, 24.1700**.

Distribution



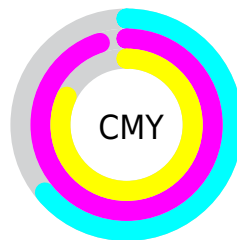
- Red (36%)
- Green (5%)
- Blue (18%)



- Red (36%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (49%)
- Black (64%)



- Cyan (64%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.4970, 36.1700, 27.3220 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 39.4970, 36.1700, 27.3220 by changing the saturation by 10% instead.

■ 39.4970, 36.1700,
27.3220

■ 39.4970, 36.1700,
27.3220

■ 254.4130, 0.2750,
0.5230

■ 22.2850, 30.7150,
21.5550

■ 91.9980, 39.0130,
25.3570

■ 13.2700, 25.9030,
9.6390

■ 117.7810, 41.1220,
25.6820

■ 0.0000, 0.0000,
0.0000

■ 143.7920, 42.5890,
26.6290


■ 171.2760, 44.1020,
26.7420


■ 197.6780, 42.9100,
26.3180


■ 217.3060, 26.2220,


20.3820


 237.0480, 9.2130,
14.7570


 39.4970, 36.1700,
27.3220


 39.4970, 36.1700,
27.3220


 33.6440, 40.2500,
30.4740


 45.3500, 32.0900,
24.1700

 31.6550, 41.7170,
31.4210

 51.2030, 28.0100,
21.0180

 57.1700, 23.6090,
18.1770

 63.0230, 19.5290,
15.0250

 68.8760, 15.4490,
11.8730

■ 75.3160, 11.0940,
8.1980

■ 81.1690, 7.0140,
5.0460

■ 87.1360, 2.6130,
2.2050

■ 92.9890, -1.4670,
-0.9470

Harmonies

Analogous

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



44.7320, 16.4550, 26.6870



39.4970, 36.1700, 27.3220



40.9300, 41.7200, 14.8400

Triad

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



39.4970, 36.1700, 27.3220



39.7930, 4.1760, -20.6240



42.7730, -44.6570, -0.1530

Complementary

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



39.4970, 36.1700, 27.3220



63.5030, -36.1700, -27.3220

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.



41.6670, -38.7870, -7.4190



39.4970, 36.1700, 27.3220



34.2230, -20.5820, -23.4780

Square

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



39.4970, 36.1700, 27.3220



43.4580, 21.5970, -11.4510



38.7030, -30.4410, -15.5050



40.1630, -45.5750, 5.4730

Rectangle

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



39.4970, 36.1700, 27.3220



41.5410, 40.8970, 2.2170



38.7030, -30.4410, -15.5050



42.7900, -43.3270, -2.2310

Sweetspot

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



39.4970, 36.1700, 27.3220



97.4520, 13.7070, 10.4030



34.4610, 1.4610, 34.1090



46.5930, 8.7560, 6.5160



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.



39.4970, 36.1700, 27.3220



40.7970, 53.3610, 40.6650



38.5560, 45.7090, 14.1330



42.7230, 2.3380, 1.6820



38.2480, 50.4730, 37.9370



82.4910, 108.5100, 81.9660

Inverse Universe

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



39.4970, 36.1700, 27.3220



40.7970, 53.3610, 40.6650



64.4440, -45.7090, -14.1330



42.7230, 2.3380, 1.6820



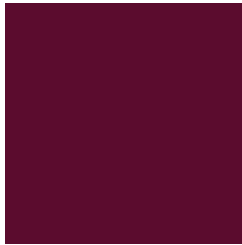
38.2480, 50.4730, 37.9370



82.4910, 108.5100, 81.9660

Previews

White Background



This preview shows how the YIQ color 39.4970, 36.1700, 27.3220 looks on a white background.

Color Contrast Check

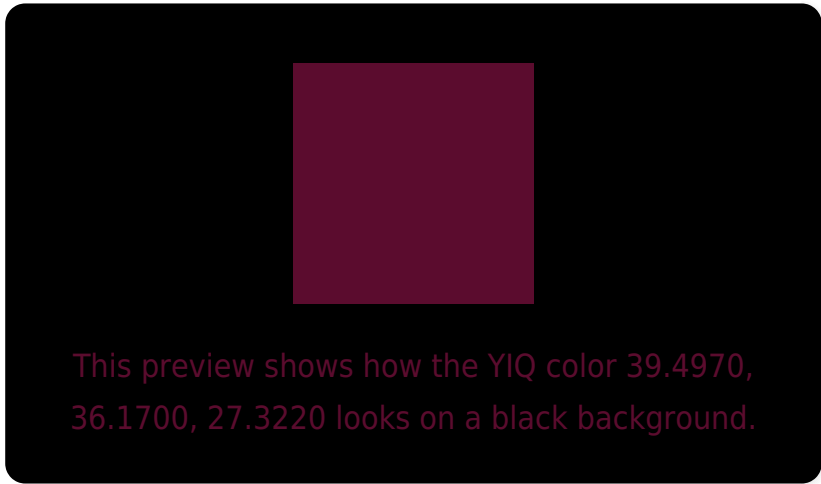
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4970, 36.1700, 27.3220

Background



This preview shows how black text looks on a background with the YIQ color 39.4970, 36.1700, 27.3220.



This preview shows how white text looks on a background with the YIQ color 39.4970, 36.1700,

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

39.4970, 36.1700, 27.3220

Protanopia

48.4430, -8.4370, 4.2270

Deuteranopia

48.2350, 6.6480, 0.6640



Tritanopia

41.6310, 41.1240, 14.6280

Trichromacy



Original Color

39.4970, 36.1700, 27.3220

Protanomaly

45.0970, 7.5170, 12.4530

Deuteranomaly

45.1920, 17.3750, 10.0070

Tritanomaly

40.8960, 39.0600, 18.9960

Monochromacy



Original Color

39.4970, 36.1700, 27.3220

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.4970, 36.1700, 27.3220 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(91, 12, 46)` looks like.

```
.text, #text, p{  
    color:rgb(91, 12, 46)  
}
```

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(91, 12, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 12, 46) }
```

Border

The CSS property to change the border of an element to YIQ 39.4970, 36.1700, 27.3220 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(91, 12, 46) }
```


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

```
.border{ border-color:rgb(91, 12, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 12, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 12, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 12, 46);  
box-shadow:4px 4px 4px 4px rgb(91, 12, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.4970, 36.1700, 27.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 12, 46) }
```

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

```
.background{ background-color: rgb(91, 12,  
46) }
```

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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