

Converting Colors

YIQ(39.3650, 10.5390, 34.7870)

Have a look what the booklet for
YIQ(39.3650, 10.5390, 34.7870)
contains.

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Color

**YIQ(39.3650, 10.5390,
34.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	470E57
RGB	71, 14, 87
RGB Percent	28%, 5%, 34%
CMY	0.7214, 0.9452, 0.6588
CMYK	0.18, 0.84, 0.00, 0.66
HSL	287°, 72%, 20%
HSV	287°, 84%, 34%
XYZ	4.4788, 2.3428, 9.2322
YIQ	39.3650, 10.5390, 34.7870

Conversions

Conversions Part 2

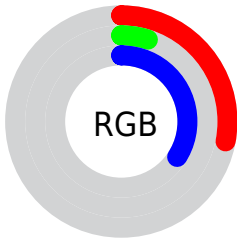
Format	Color
R_{YB}	71, 14, 87
Decimal	4656727
CIE _{Lab}	17.19, 37.53, -30.64
CIE _{LCh}	17, 48.444, 320.772
Yxy	2.3428, 0.2790, 0.1459
Android (android.graphics.Color)	4282846807 (0xFF470E57)
YUV	39.3650, 23.4841, 27.7439
Hunter-Lab	15.3063, 25.4449, -25.0470

Details

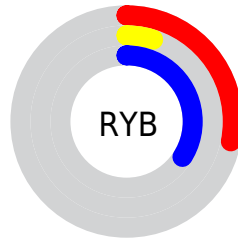
The YIQ color **39.3650, 10.5390, 34.7870** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **61.6350, -10.5390, -34.7870**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.6640, 11.1350, 34.9990**, and **12.1490, 1.7390, 18.0510** is the 20% darker color. If you saturate the color by 10%, you get **33.4840, 11.8220, 39.0700**, and if you desaturate by 10%, it is **45.2460, 9.2560, 30.5040**.

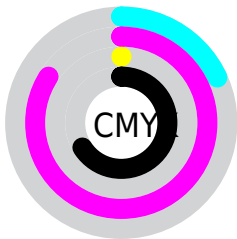
Distribution



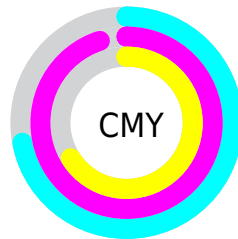
- Red (28%)
- Green (5%)
- Blue (34%)



- Red (28%)
- Yellow (5%)
- Blue (34%)



- Cyan (18%)
- Magenta (84%)
- Yellow (0%)
- Black (66%)



- Cyan (72%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.3650, 10.5390, 34.7870 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 39.3650, 10.5390, 34.7870 by changing the saturation by 10% instead.

■ 39.3650, 10.5390,
34.7870

■ 39.3650, 10.5390,
34.7870

■ 253.2390, 0.8250,
1.5690

■ 21.2350, 7.7890,
29.5570

■ 89.6640, 11.1350,
34.9990

■ 12.1490, 1.7390,
18.0510

■ 115.4900, 11.6850,
36.0450

■ 2.7530, -6.3740,
5.3860

■ 141.3160, 12.2350,
37.0910


■ 0.0000, 0.0000,
0.0000


■ 168.1420, 12.7850,
38.1370


■ 195.9680, 13.3350,
39.1830


■ 219.7800, 16.5000,

31.3800

 236.2160, 8.8000,
16.7360

 39.3650, 10.5390,
34.7870


 39.3650, 10.5390,
34.7870


 33.4840, 11.8220,
39.0700

 45.2460, 9.2560,
30.5040

 30.2500, 12.6010,
41.4730

 50.5400, 8.2480,
26.7440

 56.4210, 6.9650,
22.4610

 62.3020, 5.6820,
18.1780

 67.5960, 4.6740,
14.4180

■ 73.1780, 2.7950,
9.9230

■ 79.0590, 1.5120,
5.6400

■ 84.9400, 0.2290,
1.3570

■ 90.2340, -0.7790,
-2.4030

Harmonies

Analogous

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



34.7320, -45.4390, 14.0250



39.3650, 10.5390, 34.7870



34.9740, 39.5610, 37.4570

Triad

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



39.3650, 10.5390, 34.7870



40.2570, 26.7770, -6.2070



40.3960, -36.5860, -8.7620

Complementary

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



39.3650, 10.5390, 34.7870



61.6350, -10.5390, -34.7870

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.



35.7050, -24.7550, -19.4350



39.3650, 10.5390, 34.7870



37.1460, 4.6800, -18.7440

Square

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



39.3650, 10.5390, 34.7870



35.1060, 46.8560, 9.8640



31.1110, -14.5750, -27.7190



43.2290, -45.9410, 1.0910

Rectangle

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



39.3650, 10.5390, 34.7870



33.5480, 49.3280, 31.1520



31.1110, -14.5750, -27.7190



39.0280, -32.7340, -12.4940

Sweetspot

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



39.3650, 10.5390, 34.7870



93.7700, 4.1240, 13.3720



32.3010, -28.1080, 13.8120



44.8250, 2.2910, 8.0430



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



39.3650, 10.5390, 34.7870



39.0800, 16.4960, 53.4880



41.9830, 26.1740, 32.2700



40.3530, 0.5040, 1.8800



37.3140, 15.7170, 51.0850



81.5070, 33.6330, 111.8810

Inverse Universe

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



37.6510, 38.3720, 20.4520



36.3380, 58.7270, 31.5190



59.0170, -26.1740, -32.2700



40.3100, 2.0630, 1.1590



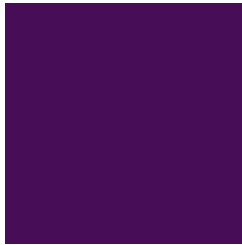
34.6150, 56.3890, 29.8370



76.0790, 123.6890, 65.6810

Previews

White Background



This preview shows how the YIQ color 39.3650, 10.5390, 34.7870 looks on a white background.

Color Contrast Check

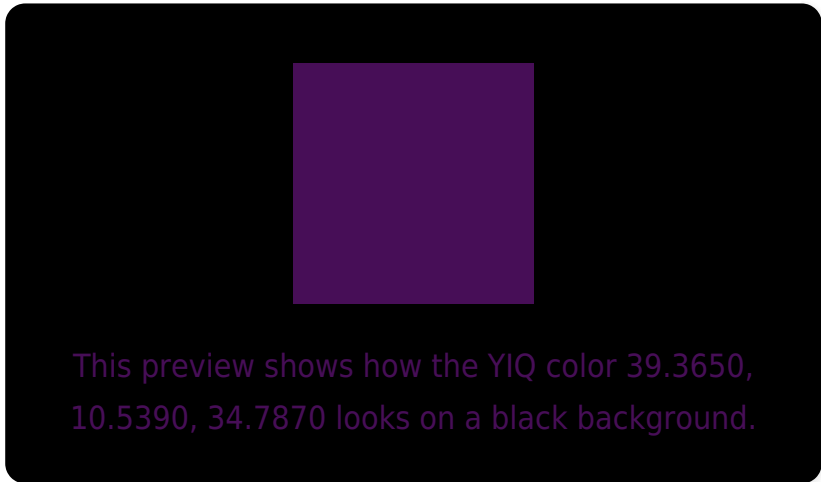
Large Text (above 18pt) WCAG AA ✓ Pass

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

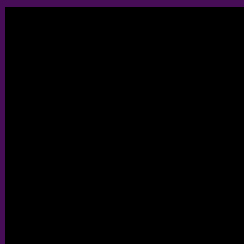
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.3650, 10.5390, 34.7870

Background



This preview shows how black text looks on a background with the YIQ color 39.3650, 10.5390, 34.7870.



This preview shows how white text looks on a background with the YIQ color 39.3650, 10.5390,

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

39.3650, 10.5390, 34.7870

Protanopia

35.5010, -40.7150, 5.5010

Deuteranopia

35.5350, -38.0550, 1.3450



Tritanopia

44.6000, 16.0460, 6.5580

Trichromacy



Original Color

39.3650, 10.5390, 34.7870

Protanomaly

36.7040, -21.8730, 16.4550

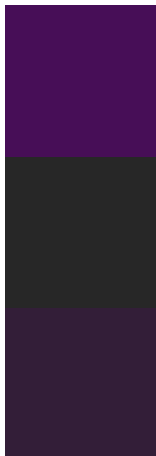
Deuteranomaly

37.1940, -20.4970, 13.5430

Tritanomaly

42.8530, 14.2560, 16.9760

Monochromacy



Original Color

39.3650, 10.5390, 34.7870

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.3650, 10.5390, 34.7870 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(71, 14, 87)` looks like.

```
.text, #text, p{  
    color:rgb(71, 14, 87)  
}
```

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(71, 14, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 14, 87) }
```

Border

The CSS property to change the border of an element to YIQ 39.3650, 10.5390, 34.7870 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(71, 14, 87) }
```


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

```
.border{ border-color:rgb(71, 14, 87) }
```

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

Here you see how a box with a 4 pixel rgb(71, 14, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 14, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 14, 87);  
box-shadow:4px 4px 4px 4px rgb(71, 14, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.3650, 10.5390, 34.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 14, 87) }
```

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

```
.background{ background-color: rgb(71, 14,  
87) }
```

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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