

Converting Colors

YIQ(39.4570, 16.4520, 43.2680)

Have a look what the booklet for
YIQ(39.4570, 16.4520, 43.2680)
contains.

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Color

**YIQ(39.4570, 16.4520,
43.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	52075F
RGB	82, 7, 95
RGB Percent	32%, 3%, 37%
CMY	0.6782, 0.9727, 0.6275
CMYK	0.14, 0.93, 0.00, 0.63
HSL	291°, 86%, 20%
HSV	291°, 93%, 37%
XYZ	5.6260, 2.7740, 11.0652
YIQ	39.4570, 16.4520, 43.2680

Conversions

Conversions Part 2

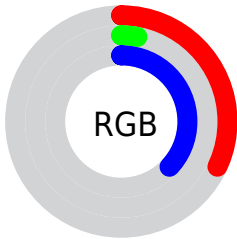
Format	Color
R_{YB}	82, 7, 95
Decimal	5375839
CIE _{Lab}	19.12, 43.50, -32.79
CIE _{LCh}	19, 54.476, 322.994
Yxy	2.7740, 0.2890, 0.1425
Android (android.graphics.Color)	4283565919 (0xFF52075F)
YUV	39.4570, 27.3827, 37.3102
Hunter-Lab	16.6553, 31.1489, -27.7315

Details

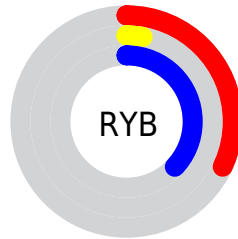
The YIQ color **39.4570, 16.4520, 43.2680** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.5430, -16.4520, -43.2680**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.6910, 15.6730, 40.8650**, and **16.2360, 6.0480, 22.5600** is the 20% darker color. If you saturate the color by 10%, you get **35.0490, 17.7810, 46.7170**, and if you desaturate by 10%, it is **45.0390, 14.5730, 38.7730**.

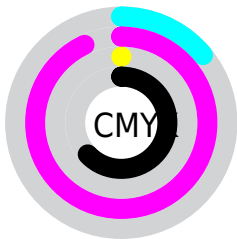
Distribution



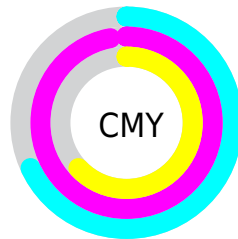
- Red (32%)
- Green (3%)
- Blue (37%)



- Red (32%)
- Yellow (3%)
- Blue (37%)



- Cyan (14%)
- Magenta (93%)
- Yellow (0%)
- Black (63%)



- Cyan (68%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.4570, 16.4520, 43.2680 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 39.4570, 16.4520, 43.2680 by changing the saturation by 10% instead.

■ 39.4570, 16.4520,
43.2680

■ 39.4570, 16.4520,
43.2680

■ 253.8260, 0.5500,
1.0460

■ 25.1370, 11.1810,
34.1650

■ 93.9900, 16.2690,
41.0770

■ 16.2360, 6.0480,
22.5600

■ 119.8160, 16.8190,
42.1230

■ 3.5510, -8.6210,
7.5630

■ 146.5280, 17.6900,
42.8580

■ 0.0000, 0.0000,
0.0000


■ 174.0550, 17.6440,
43.6920


■ 201.5390, 19.1570,
43.8050


■ 220.3670, 16.2250,


30.8570


 236.8030, 8.5250,
16.2130


 39.4570, 16.4520,
43.2680

 39.4570, 16.4520,
43.2680


 35.0490, 17.7810,
46.7170

 45.0390, 14.5730,
38.7730

 51.5070, 13.0150,
33.9670

 57.0890, 11.1360,
29.4720

 63.5570, 9.5780,
24.6660

 69.1390, 7.6990,
20.1710

■ 75.3080, 5.5450,
15.1530

■ 81.1890, 4.2620,
10.8700

■ 87.3580, 2.1080,
5.8520

■ 93.2390, 0.8250,
1.5690

Harmonies

Analogous

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



37.8610, -50.1160, 16.1880



39.4570, 16.4520, 43.2680



38.9040, 45.7500, 40.9340

Triad

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



39.4570, 16.4520, 43.2680



44.3880, 27.7860, -7.9740



45.1720, -41.7670, -8.4790

Complementary

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



39.4570, 16.4520, 43.2680



62.5430, -16.4520, -43.2680

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.



39.9110, -28.3310, -20.7070



39.4570, 16.4520, 43.2680



39.4830, 2.1130, -21.7830

Square

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



39.4570, 16.4520, 43.2680



38.6720, 51.0740, 10.5140



34.0460, -15.9500, -30.3340



48.3470, -52.0850, 2.3070

Rectangle

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



39.4570, 16.4520, 43.2680



36.8370, 55.8840, 33.4840



34.0460, -15.9500, -30.3340



42.9890, -36.9980, -12.3100

Sweetspot

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



39.4570, 16.4520, 43.2680



100.5470, 6.3700, 16.7220



24.6630, -31.8230, 20.5690



47.7760, 3.9870, 10.3470



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.



39.4570, 16.4520, 43.2680



45.0040, 22.8220, 59.9900



39.8100, 34.1510, 36.3830



45.6520, 1.1000, 2.0920



41.4720, 21.2640, 55.1840



88.3560, 44.5440, 117.8880

Inverse Universe

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



34.7940, 48.2750, 22.6990



38.5300, 66.9340, 31.4620



62.1900, -34.1510, -36.3830



45.1960, 2.3840, 0.8480



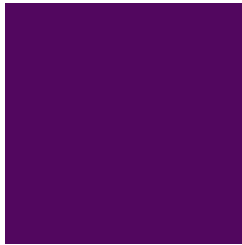
35.3120, 61.6160, 28.7200



75.7500, 131.8050, 61.7650

Previews

White Background



This preview shows how the YIQ color 39.4570, 16.4520, 43.2680 looks on a white background.

Color Contrast Check

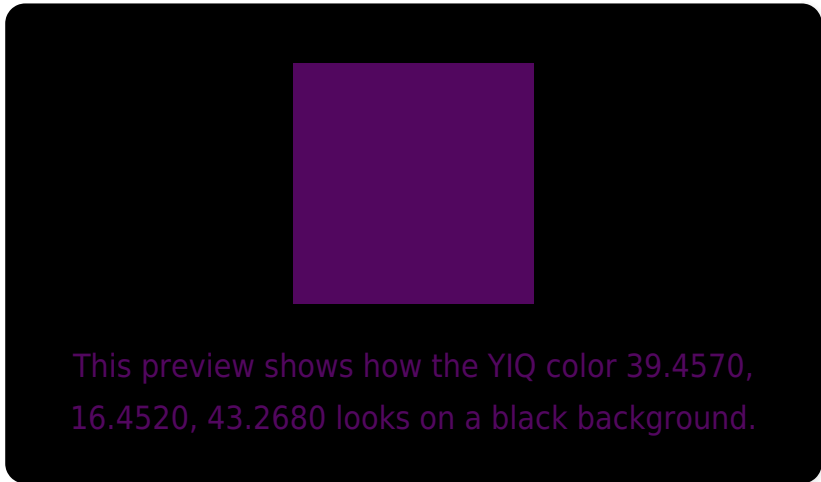
Large Text (above 18pt) WCAG AA ✓ Pass

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

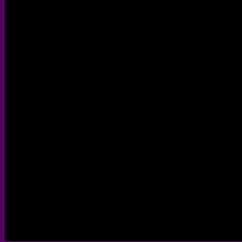
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.4570, 16.4520, 43.2680

Background



This preview shows how black text looks on a background with the YIQ color 39.4570, 16.4520, 43.2680.



This preview shows how white text looks on a background with the YIQ color 39.4570, 16.4520,

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

39.4570, 16.4520, 43.2680

Protanopia

39.5760, -45.3000, 5.9960

Deuteranopia

39.4960, -42.3190, 1.5290



Tritanopia

49.2910, 21.4100, 8.4660

Trichromacy



Original Color

39.4570, 16.4520, 43.2680

Protanomaly

39.5130, -22.6530, 19.5790

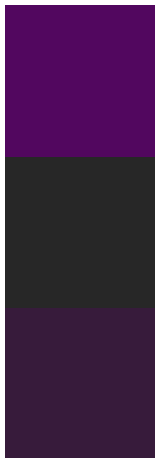
Deuteranomaly

39.3020, -20.6810, 16.8790

Tritanomaly

46.0110, 19.8030, 21.0750

Monochromacy



Original Color

39.4570, 16.4520, 43.2680

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.0200, 6.4160, 15.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.4570, 16.4520, 43.2680 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(82, 7, 95)` looks like.

```
.text, #text, p{  
    color:rgb(82, 7, 95)  
}
```

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(82, 7, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 7, 95) }
```

Border

The CSS property to change the border of an element to YIQ 39.4570, 16.4520, 43.2680 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(82, 7, 95) }
```


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

```
.border{ border-color:rgb(82, 7, 95) }
```

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

Here you see how a box with a 4 pixel rgb(82, 7, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 7, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 7, 95); box-shadow:4px  
4px 4px 4px rgb(82, 7, 95) }
```

Background

The CSS property to change the background color of an element to YIQ 39.4570, 16.4520, 43.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 7, 95) }
```

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

```
.background{ background-color: rgb(82, 7,  
95) }
```

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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