

Converting Colors

YIQ(39.3950, 19.0220, 29.7260)

Have a look what the booklet for
YIQ(39.3950, 19.0220, 29.7260)
contains.

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Color

**YIQ(39.3950, 19.0220,
29.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0F45
RGB	76, 15, 69
RGB Percent	30%, 6%, 27%
CMY	0.7018, 0.9413, 0.7294
CMYK	0.00, 0.80, 0.09, 0.70
HSL	307°, 67%, 18%
HSV	307°, 80%, 30%
XYZ	4.2290, 2.3091, 5.8544
YIQ	39.3950, 19.0220, 29.7260

Conversions

Conversions Part 2

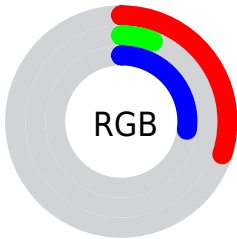
Format	Color
RYB	76, 15, 69
Decimal	4984645
CIELab	17.03, 34.80, -18.53
CIElCh	17, 39.424, 331.957
Yxy	2.3091, 0.3413, 0.1863
Android (android.graphics.Color)	4283174725 (0xFF4C0F45)
YUV	39.3950, 14.5953, 32.1026
Hunter-Lab	15.1956, 23.0851, -12.2057

Details

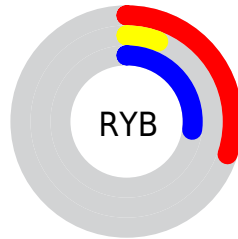
The YIQ color **39.3950, 19.0220, 29.7260** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **51.6050, -19.0220, -29.7260**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.5800, 19.9390, 29.6270**, and **11.9340, 9.5340, 14.4460** is the 20% darker color. If you saturate the color by 10%, you get **34.5850, 21.5430, 33.5990**, and if you desaturate by 10%, it is **44.2050, 16.5010, 25.8530**.

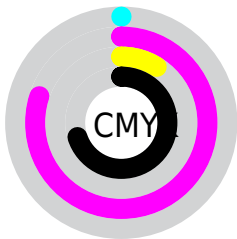
Distribution



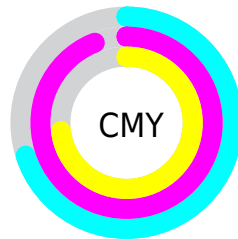
- Red (30%)
- Green (6%)
- Blue (27%)



- Red (30%)
- Yellow (6%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (9%)
- Black (70%)





- Cyan (70%)
- Magenta (94%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 39.3950, 19.0220, 29.7260 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 39.3950, 19.0220, 29.7260 by changing the saturation by 10% instead.

 39.3950, 19.0220,
29.7260


 39.3950, 19.0220,
29.7260

 253.2390, 0.8250,
1.5690


 20.7920, 16.2260,
25.3300


 89.5800, 19.9390,
29.6270


 11.9340, 9.5340,
14.4460

 114.5910, 21.4060,
30.5740

 0.0000, 0.0000,
0.0000

 141.0040, 21.6810,
31.0970


 168.0150, 23.1480,
32.0440


 195.4280, 23.4230,
32.5670


 219.6660, 16.8210,


31.0690


 236.8030, 8.5250,
16.2130


 39.3950, 19.0220,
29.7260


 39.3950, 19.0220,
29.7260


 34.5850, 21.5430,
33.5990


 44.2050, 16.5010,
25.8530

 30.3620, 23.7890,
36.9490

 48.4280, 14.2550,
22.5030

 53.2380, 11.7340,
18.6300

 57.4610, 9.4880,
15.2800

 62.1570, 7.2880,
11.0960

■ 66.9670, 4.7670,
7.2230

■ 71.1900, 2.5210,
3.8730

■ 76.0000, -0.0000,
-0.0000

■ 80.2230, -2.2460,
-3.3500

Harmonies

Analogous

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



41.5910, -14.1250, 19.2110



39.3950, 19.0220, 29.7260



31.2850, 39.8830, 31.6190

Triad

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



39.3950, 19.0220, 29.7260



39.3160, 19.1210, -10.6310



39.7920, -37.6410, -6.1610

Complementary

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



39.3950, 19.0220, 29.7260



51.6050, -19.0220, -29.7260

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.



36.6000, -28.6530, -14.8690



39.3950, 19.0220, 29.7260



35.0530, 0.5080, -20.2280

Square

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



39.3950, 19.0220, 29.7260



38.8500, 35.5330, 0.3090



31.8920, -18.1520, -23.4640



40.4250, -43.5570, 1.9390

Rectangle

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



39.3950, 19.0220, 29.7260



32.1680, 44.2860, 23.4060



31.8920, -18.1520, -23.4640



38.7660, -34.7520, -8.9600

Sweetspot

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



39.3950, 19.0220, 29.7260



85.2710, 6.9670, 11.4070



23.7480, -16.0050, 20.2430



41.9670, 4.7670, 7.2230



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



39.3950, 19.0220, 29.7260



41.9810, 29.6560, 46.2640



35.9750, 28.6520, 20.3960



35.6520, 1.1000, 2.0920



40.7580, 31.9020, 49.6140



91.9120, 71.9170, 111.8930

Inverse Universe

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



39.3950, 19.0220, 29.7260



41.9810, 29.6560, 46.2640



55.0250, -28.6520, -20.3960



35.6520, 1.1000, 2.0920



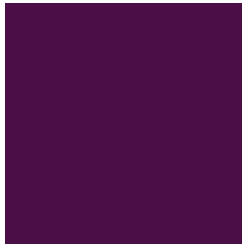
40.7580, 31.9020, 49.6140



91.9120, 71.9170, 111.8930

Previews

White Background



This preview shows how the YIQ color 39.3950, 19.0220, 29.7260 looks on a white background.

Color Contrast Check

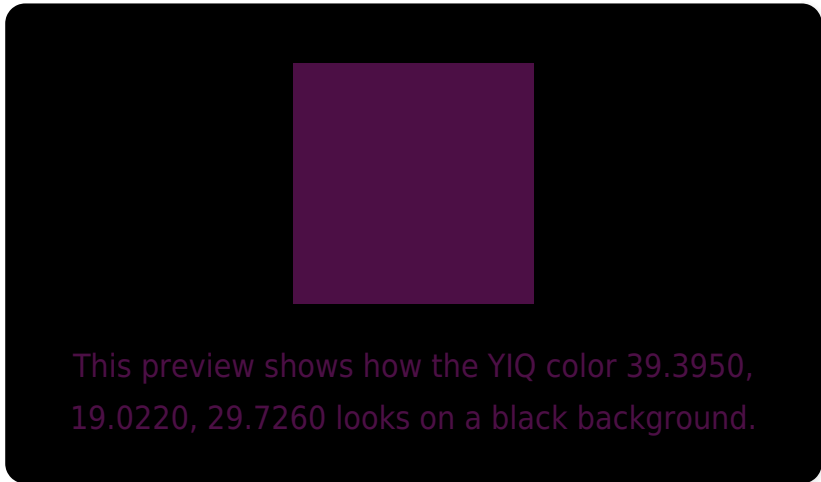
Large Text (above 18pt) WCAG AA ✓ Pass

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

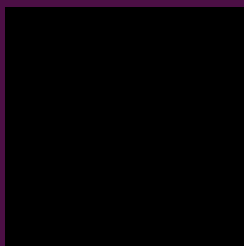
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.3950, 19.0220, 29.7260

Background



This preview shows how black text looks on a background with the YIQ color 39.3950, 19.0220, 29.7260.



This preview shows how white text looks on a background with the YIQ color 39.3950, 19.0220,

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

39.3950, 19.0220, 29.7260

Protanopia

34.9140, -40.4400, 6.0240

Deuteranopia

43.7030, -12.1050, 4.6230



Tritanopia

42.7860, 24.3900, 9.5260

Trichromacy



Original Color

39.3950, 19.0220, 29.7260

Protanomaly

36.5040, -18.4340, 14.7020

Deuteranomaly

41.8450, -0.4610, 13.8670

Tritanomaly

41.6320, 22.1880, 16.3960

Monochromacy



Original Color

39.3950, 19.0220, 29.7260

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.3950, 19.0220, 29.7260 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(76, 15, 69)` looks like.

```
.text, #text, p{  
    color:rgb(76, 15, 69)  
}
```

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(76, 15, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 15, 69) }
```

Border

The CSS property to change the border of an element to YIQ 39.3950, 19.0220, 29.7260 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(76, 15, 69) }
```


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

```
.border{ border-color:rgb(76, 15, 69) }
```

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

Here you see how a box with a 4 pixel rgb(76, 15, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 15, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 15, 69);  
box-shadow:4px 4px 4px 4px rgb(76, 15, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.3950, 19.0220, 29.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 15, 69) }
```

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

```
.background{ background-color: rgb(76, 15,  
69) }
```

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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