

Converting Colors

YIQ(39.1980, -7.9840, 34.5760)

Have a look what the booklet for
YIQ(39.1980, -7.9840, 34.5760)
contains.

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Color

**YIQ(39.1980, -7.9840,
34.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	35136B
RGB	53, 19, 107
RGB Percent	21%, 7%, 42%
CMY	0.7920, 0.9255, 0.5805
CMYK	0.50, 0.82, 0.00, 0.58
HSL	263°, 70%, 25%
HSV	263°, 82%, 42%
XYZ	4.3552, 2.2841, 14.1142
YIQ	39.1980, -7.9840, 34.5760

Conversions

Conversions Part 2

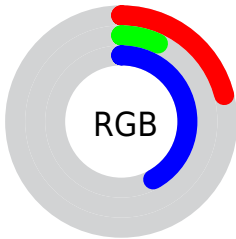
Format	Color
RYB	53, 19, 107
Decimal	3478379
CIELab	16.91, 37.06, -44.47
CIELCh	17, 57.887, 309.801
Yxy	2.2841, 0.2099, 0.1101
Android (android.graphics.Color)	4281668459 (0xFF35136B)
YUV	39.1980, 33.4264, 12.1044
Hunter-Lab	15.1132, 24.9900, -44.7917

Details

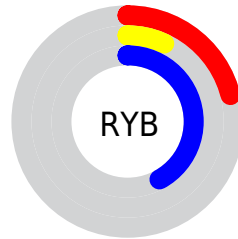
The YIQ color **39.1980, -7.9840, 34.5760** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **86.8020, 7.9840, -34.5760**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.5620, -6.0130, 37.4030**, and **6.7260, -18.9390, 18.3490** is the 20% darker color. If you saturate the color by 10%, you get **30.6480, -9.1310, 38.8450**, and if you desaturate by 10%, it is **47.7480, -6.8370, 30.3070**.

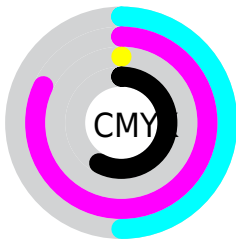
Distribution



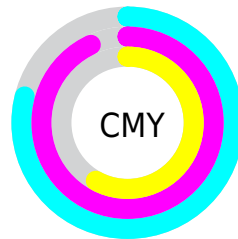
- Red (21%)
- Green (7%)
- Blue (42%)



- Red (21%)
- Yellow (7%)
- Blue (42%)



- Cyan (50%)
- Magenta (82%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.1980, -7.9840, 34.5760 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 39.1980, -7.9840, 34.5760 by changing the saturation by 10% instead.

■ 39.1980, -7.9840,
34.5760

■ 39.1980, -7.9840,
34.5760

■ 253.8260, 0.5500,
1.0460

■ 16.8230, -11.4220,
30.8020

■ 88.5620, -6.0130,
37.4030

■ 6.7260, -18.9390,
18.3490

■ 114.5020, -5.7840,
38.7600

■ 5.2780, -12.1060,
10.1500

■ 140.4420, -5.5550,
40.1170

■ 1.2540, -3.5310,
3.4210

■ 167.2680, -5.0050,
41.1630


■ 0.0000, 0.0000,
0.0000


■ 193.1560, 1.0020,
36.9220


■ 217.6760, 10.8610,


28.9490


 236.8030, 8.5250,
16.2130


 39.1980, -7.9840,
34.5760


 39.1980, -7.9840,
34.5760


 30.6480, -9.1310,
38.8450


 47.7480, -6.8370,
30.3070

 24.4570, -9.9110,
41.9690

 55.4120, -6.0110,
26.3490

 63.9620, -4.8640,
22.0800

 72.2130, -4.3130,
17.5990

 80.1760, -2.8910,
13.8530

■ 88.4270, -2.3400,
9.3720

■ 96.9770, -1.1930,
5.1030

■ 105.2280, -0.6420,
0.6220

■ 113.1910, 0.7800,
-3.1240

Harmonies

Analogous

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



40.1920, -52.5460, 16.1740



39.1980, -7.9840, 34.5760



37.0970, 35.0210, 42.6450

Triad

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



39.1980, -7.9840, 34.5760



38.5620, 36.4040, 1.0440



39.7290, -33.3300, -12.7060

Complementary

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



39.1980, -7.9840, 34.5760



86.8020, 7.9840, -34.5760

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.



33.1970, -17.6930, -26.2770



39.1980, -7.9840, 34.5760



38.3750, 11.4650, -15.0550

Square

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



39.1980, -7.9840, 34.5760



29.6010, 59.0040, 20.9880



30.5240, -14.3000, -27.1960



44.2890, -46.1700, -0.2660

Rectangle

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



39.1980, -7.9840, 34.5760



37.3080, 50.2440, 36.5800



30.5240, -14.3000, -27.1960



38.0190, -28.5150, -17.3710

Sweetspot

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



39.1980, -7.9840, 34.5760



113.1760, -2.8910, 13.8530



60.7300, -43.0980, -0.8740



54.7860, -1.9730, 8.2270



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



39.1980, -7.9840, 34.5760



32.9920, -12.4350, 54.6770



52.3540, 18.2400, 43.9040



49.2820, -0.7340, 2.2900



26.7930, -10.7370, 45.9270



56.3350, -22.0250, 96.3350

Inverse Universe

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



51.4680, 35.1140, 35.4500



52.3650, 55.2380, 56.2140



73.6460, -18.2400, -43.9040



50.1360, 2.6130, 2.2050



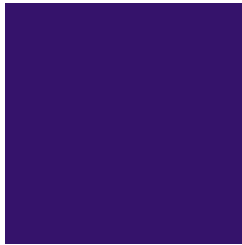
43.1910, 46.6200, 47.1960



90.3550, 97.8700, 98.5900

Previews

White Background



This preview shows how the YIQ color 39.1980, -7.9840, 34.5760 looks on a white background.

Color Contrast Check

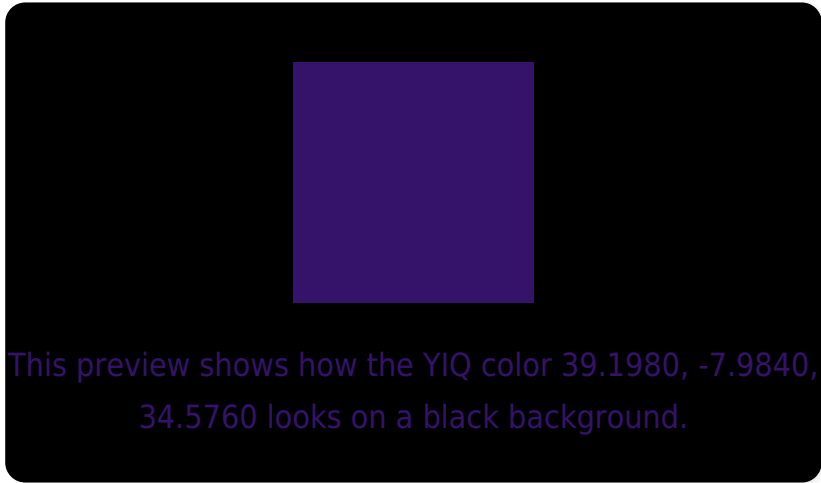
Large Text (above 18pt) WCAG AA ✓ Pass

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

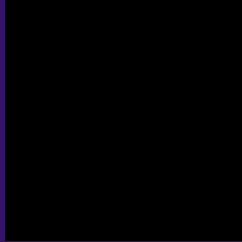
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.1980, -7.9840, 34.5760

Background



This preview shows how black text looks on a background with the YIQ color 39.1980, -7.9840, 34.5760.



This preview shows how white text looks on a background with the YIQ color 39.1980, -7.9840,

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

39.1980, -7.9840, 34.5760

Protanopia

34.6860, -39.7980, 5.4020

Deuteranopia

34.3780, -36.1750, 0.3130



Tritanopia

42.0640, -6.0520, -0.4520

Trichromacy



Original Color

39.1980, -7.9840, 34.5760

Protanomaly

36.4690, -28.5210, 15.7910

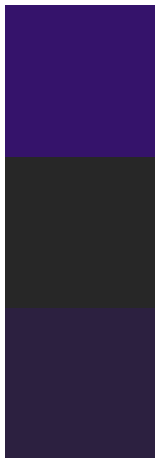
Deuteranomaly

36.1440, -26.2280, 12.7800

Tritanomaly

40.9690, -6.7420, 12.0580

Monochromacy



Original Color

39.1980, -7.9840, 34.5760

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.2360, -3.1200, 12.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.1980, -7.9840, 34.5760 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(53, 19, 107)` looks like.

```
.text, #text, p{  
    color:rgb(53, 19, 107)  
}
```

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(53, 19, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 19, 107) }
```

Border

The CSS property to change the border of an element to YIQ 39.1980, -7.9840, 34.5760 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(53, 19, 107) }
```


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

```
.border{ border-color:rgb(53, 19, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 19, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 19, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 19, 107);  
box-shadow:4px 4px 4px 4px rgb(53, 19,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 39.1980, -7.9840, 34.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 19, 107) }
```

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

```
.background{ background-color: rgb(53, 19,  
107) }
```

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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