

Converting Colors

YIQ(39.0010, -9.7680, 11.8320)

Have a look what the booklet for
YIQ(39.0010, -9.7680, 11.8320)
contains.

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Color

**YIQ(39.0010, -9.7680,
11.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	252246
RGB	37, 34, 70
RGB Percent	15%, 13%, 27%
CMY	0.8549, 0.8667, 0.7256
CMYK	0.47, 0.51, 0.00, 0.73
HSL	245°, 35%, 20%
HSV	245°, 51%, 27%
XYZ	2.4402, 1.9794, 6.0450
YIQ	39.0010, -9.7680, 11.8320

Conversions

Conversions Part 2

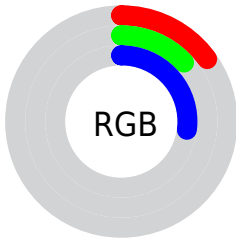
Format	Color
RYB	37, 34, 70
Decimal	2433606
CIELab	15.38, 12.25, -22.20
CIELCh	15, 25.351, 298.891
Yxy	1.9794, 0.2332, 0.1892
Android (android.graphics.Color)	4280623686 (0xFF252246)
YUV	39.0010, 15.2825, -1.7549
Hunter-Lab	14.0692, 6.3380, -15.6262

Details

The YIQ color **39.0010, -9.7680, 11.8320** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64.9990, 9.7680, -11.8320**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **84.4680, -9.5850, 14.0230**, and **3.5510, -8.6210, 7.5630** is the 20% darker color. If you saturate the color by 10%, you get **33.0980, -11.4190, 14.2210**, and if you desaturate by 10%, it is **44.9040, -8.1170, 9.4430**.

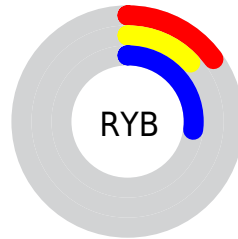
Distribution



Red (15%)

Green (13%)

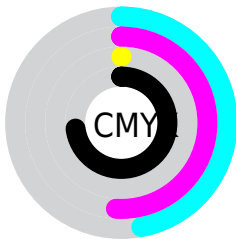
Blue (27%)



Red (15%)

Yellow (13%)

Blue (27%)

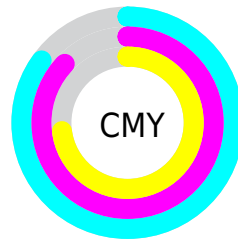


Cyan (47%)

Magenta (51%)

Yellow (0%)

Black (73%)



Cyan (85%)

Magenta (87%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.0010, -9.7680, 11.8320 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 39.0010, -9.7680, 11.8320 by changing the saturation by 10% instead.

■ 39.0010, -9.7680,
11.8320

■ 39.0010, -9.7680,
11.8320

■ 255.0000, -0.0000,
-0.0000

■ 17.4740, -9.7220,
10.9980

■ 84.4680, -9.5850,
14.0230

■ 3.5510, -8.6210,
7.5630

■ 108.8810, -9.3100,
14.5460

■ 0.0000, 0.0000,
0.0000

■ 134.4080, -9.3560,
15.3800

■ 160.5220, -9.6770,
15.6910

■ 187.6360, -9.9980,
16.0020

■ 215.7500,

-10.3190, 16.3130

240.8570, -0.7350,
7.8170

39.0010, -9.7680,
11.8320

39.0010, -9.7680,
11.8320

33.0980, -11.4190,
14.2210

44.9040, -8.1170,
9.4430

26.8960, -13.6660,
16.3980

51.1060, -5.8700,
7.2660

20.9930, -15.3170,
18.7870

57.0090, -4.2190,
4.8770

14.7910, -17.5640,
20.9640

63.2110, -1.9720,
2.7000

9.7740, -18.8940,
23.0420

69.1140, -0.3210,
0.3110

■ 75.0170, 1.3300,
-2.0780

■ 81.2190, 3.5770,
-4.2550

■ 87.1220, 5.2280,
-6.6440

■ 93.3240, 7.4750,
-8.8210

Harmonies

Analogous

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



32.5030, -35.0290, 1.5710



39.0010, -9.7680, 11.8320



39.4010, 9.7170, 16.6370

Triad

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



39.0010, -9.7680, 11.8320



36.4900, 27.7390, -1.6130



31.8070, -24.8020, -13.0740

Complementary

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



39.0010, -9.7680, 11.8320



64.9990, 9.7680, -11.8320

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.



29.4780, -16.6860, -16.9900



39.0010, -9.7680, 11.8320



36.3700, 19.0290, -8.9630

Square

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



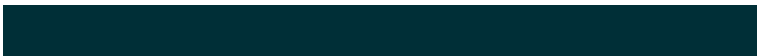
39.0010, -9.7680, 11.8320



36.9390, 28.3330, 9.6530



33.9230, 6.9260, -15.3940



33.8590, -30.5800, -7.4760

Rectangle

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



39.0010, -9.7680, 11.8320



38.1910, 19.1160, 17.0040



33.9230, 6.9260, -15.3940



31.1230, -22.8760, -14.9400

Sweetspot

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



39.0010, -9.7680, 11.8320



79.8950, -3.8980, 4.5660



57.4750, -20.6310, -6.0630



38.9120, -2.5680, 2.4880



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



39.0010, -9.7680, 11.8320



42.9930, -15.3170, 18.7870



44.3830, 0.9600, 15.6480



32.4560, -1.2840, 1.2440



13.6780, -27.0110, 32.4850



31.5590, -61.5430, 74.6250

Inverse Universe

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



48.5260, 10.8630, 17.8950



57.9710, 17.2800, 28.2560



59.6170, -0.9600, -15.6480



33.5380, 1.4210, 1.7810



39.9750, 29.7930, 49.2890



91.5850, 68.5240, 112.8120

Previews

White Background



This preview shows how the YIQ color 39.0010, -9.7680, 11.8320 looks on a white background.

Color Contrast Check

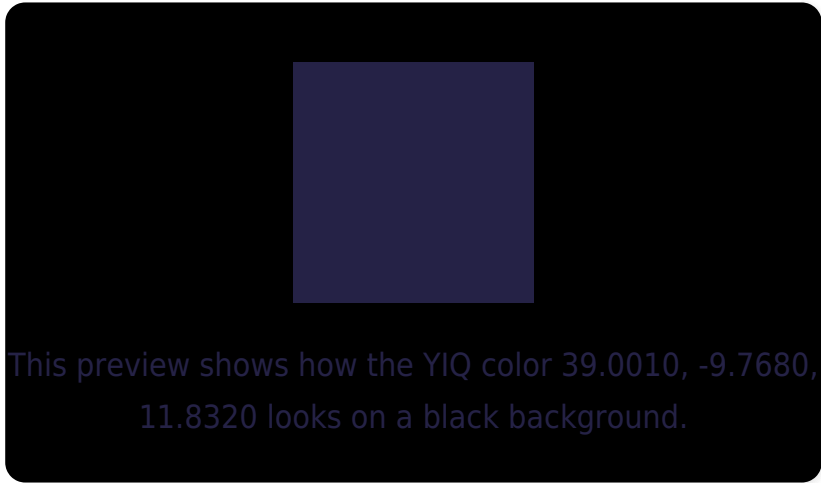
Large Text (above 18pt) WCAG AA ✓ Pass

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

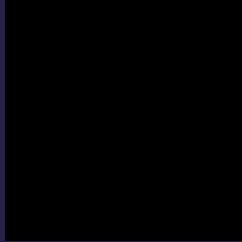
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.0010, -9.7680, 11.8320

Background



This preview shows how black text looks on a background with the YIQ color 39.0010, -9.7680, 11.8320.



This preview shows how white text looks on a background with the YIQ color 39.0010, -9.7680,

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

39.0010, -9.7680, 11.8320

Protanopia

35.8360, -22.6050, 7.6910

Deuteranopia

34.0480, -26.3180, 3.3940



Tritanopia

37.4660, -7.2440, -0.8760

Trichromacy



Original Color

39.0010, -9.7680, 11.8320

Protanomaly

37.2280, -17.8370, 9.3870

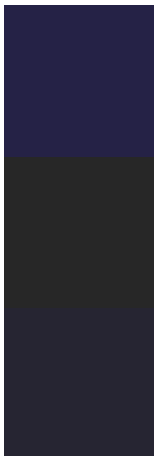
Deuteranomaly

35.5650, -20.4040, 6.3480

Tritanomaly

38.2150, -7.7950, 3.6050

Monochromacy



Original Color

39.0010, -9.7680, 11.8320

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.7810, -3.5770, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.0010, -9.7680, 11.8320 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(37, 34, 70)` looks like.

```
.text, #text, p{  
    color:rgb(37, 34, 70)  
}
```

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(37, 34, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 34, 70) }
```

Border

The CSS property to change the border of an element to YIQ 39.0010, -9.7680, 11.8320 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(37, 34, 70) }
```


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

```
.border{ border-color:rgb(37, 34, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 34, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 34, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 34, 70);  
box-shadow:4px 4px 4px 4px rgb(37, 34, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.0010, -9.7680, 11.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 34, 70) }
```

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

```
.background{ background-color: rgb(37, 34,  
70) }
```

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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