

Converting Colors

YIQ(39.5180, 30.5360, -2.7440)

Have a look what the booklet for
YIQ(39.5180, 30.5360, -2.7440)
contains.

YIQ(39.5180, 30.5360, -2.7440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(39.5180, 30.5360,
-2.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	432101
RGB	67, 33, 1
RGB Percent	26%, 13%, 0%
CMY	0.7372, 0.8706, 0.9959
CMYK	0.00, 0.51, 0.98, 0.74
HSL	29°, 97%, 13%
HSV	29°, 98%, 26%
XYZ	2.8649, 2.2830, 0.3195
YIQ	39.5180, 30.5360, -2.7440

Conversions

Conversions Part 2

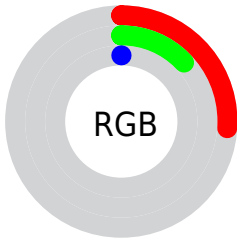
Format	Color
RYB	67, 63, 1
Decimal	4399361
CIELab	16.91, 13.76, 24.58
CIELCh	17, 28.173, 60.754
Yxy	2.2830, 0.5240, 0.4176
Android (android.graphics.Color)	4282589441 (0xFF432101)
YUV	39.5180, -18.9894, 24.1017
Hunter-Lab	15.1097, 7.4034, 9.3233

Details

The YIQ color **39.5180, 30.5360, -2.7440** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28.4820, -30.5360, 2.7440**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **86.5400, 33.4700, -0.8500**, and **0.2990, 0.5960, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **38.8170, 31.1320, -2.5320**, and if you desaturate by 10%, it is **42.0770, 27.4640, -2.1360**.

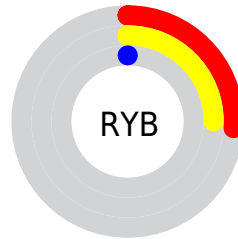
Distribution



Red (26%)

Green (13%)

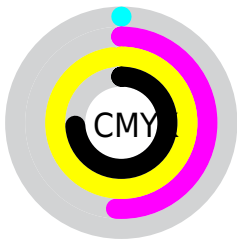
Blue (0%)



Red (26%)

Yellow (25%)

Blue (0%)

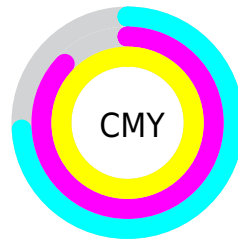


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (74%)



Cyan (74%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.5180, 30.5360, -2.7440 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 39.5180, 30.5360, -2.7440 by changing the saturation by 10% instead.

39.5180, 30.5360,
-2.7440

39.5180, 30.5360,
-2.7440

251.8080, 8.9880,
-8.7080

20.1890, 21.4570,
2.1050

86.5400, 33.4700,
-0.8500

0.2990, 0.5960,
0.2120

111.3230, 35.5790,
-0.5250

0.0000, 0.0000,
0.0000

136.9920, 38.0090,
-0.5110

163.4760, 39.5220,
-0.3980

190.9600, 41.0350,
-0.2850

217.3620, 39.8430,

-0.7090

■ 236.8760, 23.4760,
-6.9560

■ 39.5180, 30.5360,
-2.7440

■ 39.5180, 30.5360,
-2.7440

■ 38.8170, 31.1320,
-2.5320

■ 42.0770, 27.4640,
-2.1360

■ 45.1090, 24.4380,
-2.3620

■ 47.6680, 21.3660,
-1.7540

■ 50.8140, 18.0190,
-1.6690

■ 53.3730, 14.9470,
-1.0610

■ 56.4050, 11.9210,
-1.2870

■ 58.9640, 8.8490,
-0.6790

■ 62.1100, 5.5020,
-0.5940

■ 64.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



39.9070, 31.3590, 9.8790



39.5180, 30.5360, -2.7440



39.6150, 19.7170, -10.4190

Triad

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



39.5180, 30.5360, -2.7440



34.7250, -27.5070, -13.6110



42.4680, -9.5850, 14.0230

Complementary

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



39.5180, 30.5360, -2.7440



28.4820, -30.5360, 2.7440

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.



35.1760, -38.4220, 2.4900



39.5180, 30.5360, -2.7440



37.0050, -33.9270, -7.3910

Square

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



39.5180, 30.5360, -2.7440



31.7440, -20.4910, -19.6190



37.5410, -38.1920, -1.6800



42.6510, 12.0090, 19.1530

Rectangle

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



39.5180, 30.5360, -2.7440



38.0760, 10.8690, -15.2670



37.5410, -38.1920, -1.6800



40.6840, -19.1210, 10.6310

Sweetspot

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



39.5180, 30.5360, -2.7440



75.8180, 12.1960, -0.7640



24.6100, 28.4220, 24.5660



36.5940, 7.0150, -0.4810



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



39.5180, 30.5360, -2.7440



50.6670, 40.3020, -3.5220



58.8890, 21.4610, -20.0030



31.4840, 1.5130, 0.1130



56.5920, 44.8870, -4.0170



130.9590, 103.5290, -9.5190

Inverse Universe

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



28.4820, -30.5360, 2.7440



36.3330, -40.3020, 3.5220



9.1110, -21.4610, 20.0030



31.5160, -1.5130, -0.1130



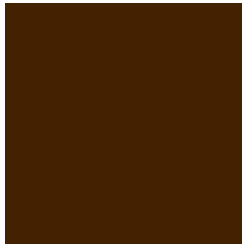
40.4080, -44.8870, 4.0170



93.6280, -103.8040, 8.9960

Previews

White Background



This preview shows how the YIQ color 39.5180, 30.5360, -2.7440 looks on a white background.

Color Contrast Check

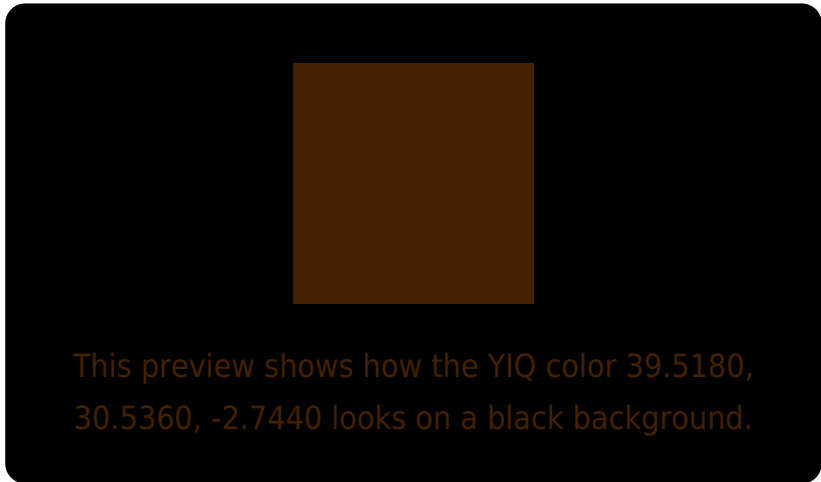
Large Text (above 18pt) WCAG AA ✓ Pass

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

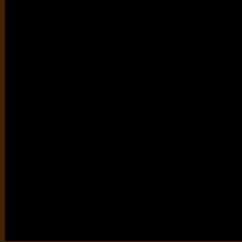
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.5180, 30.5360, -2.7440

Background



This preview shows how black text looks on a background with the YIQ color 39.5180, 30.5360, -2.7440.



This preview shows how white text looks on a background with the YIQ color 39.5180, 30.5360,

-2.7440.

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

39.5180, 30.5360, -2.7440

Protanopia

40.2770, 14.8570, -10.4470

Deuteranopia

39.6260, 21.1840, -9.4720



Tritanopia

42.2910, 21.4100, 8.4660

Trichromacy



Original Color

39.5180, 30.5360, -2.7440

Protanomaly

39.7940, 20.7710, -7.4930

Deuteranomaly

39.3600, 24.9890, -6.8430

Tritanomaly

41.5100, 24.9870, 4.2110

Monochromacy



Original Color

39.5180, 30.5360, -2.7440

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.6330, 11.2790, -0.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.5180, 30.5360, -2.7440 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(67, 33, 1)` looks like.

```
.text, #text, p{  
    color:rgb(67, 33, 1)  
}
```

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(67, 33, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 33, 1) }
```

Border

The CSS property to change the border of an element to YIQ 39.5180, 30.5360, -2.7440 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(67, 33, 1) }
```


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

```
.border{ border-color:rgb(67, 33, 1) }
```

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

Here you see how a box with a 4 pixel rgb(67, 33, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 33, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 33, 1); box-shadow:4px  
4px 4px 4px rgb(67, 33, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 39.5180, 30.5360, -2.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 33, 1) }
```

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

```
.background{ background-color: rgb(67, 33,  
1) }
```

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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