

Converting Colors

YIQ(34.3280, -31.5970, 38.5070)

Have a look what the booklet for
YIQ(34.3280, -31.5970, 38.5070)
contains.

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Color

**YIQ(34.3280, -31.5970,
38.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1287
RGB	28, 18, 135
RGB Percent	11%, 7%, 53%
CMY	0.8901, 0.9294, 0.4708
CMYK	0.79, 0.87, 0.00, 0.47
HSL	245°, 76%, 30%
HSV	245°, 87%, 53%
XYZ	5.0651, 2.4274, 23.1029
YIQ	34.3280, -31.5970, 38.5070

Conversions

Conversions Part 2

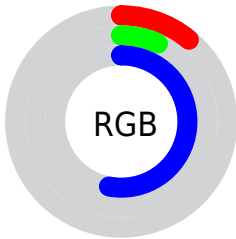
Format	Color
RYB	28, 18, 135
Decimal	1839751
CIELab	17.59, 43.38, -61.38
CIELCh	18, 75.164, 305.254
Yxy	2.4274, 0.1656, 0.0793
Android (android.graphics.Color)	4280029831 (0xFF1C1287)
YUV	34.3280, 49.6313, -5.5497
Hunter-Lab	15.5802, 30.7647, -77.0113




Details

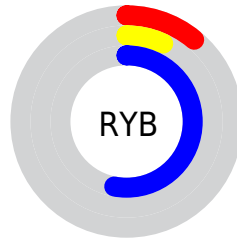
The YIQ color **34.3280, -31.5970, 38.5070** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **118.6720, 31.5970, -38.5070**, and the grayscale version is **34.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **87.6220, -23.4370, 44.8110**, and **9.5760, -26.9640, 26.1240** is the 20% darker color. If you saturate the color by 10%, you get **22.5220, -34.8990, 43.2850**, and if you desaturate by 10%, it is **45.5470, -28.0200, 34.2520**.

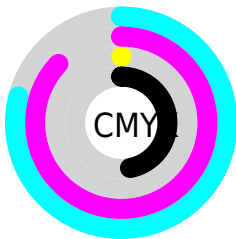
Distribution







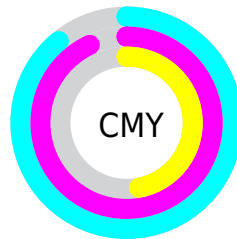
-  Red (11%)
-  Green (7%)
-  Blue (53%)






-  Red (11%)
-  Yellow (7%)
-  Blue (53%)



-  Cyan (79%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (89%)
-  Magenta (93%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.3280, -31.5970, 38.5070 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 34.3280, -31.5970, 38.5070 by changing the saturation by 10% instead.

■ 34.3280, -31.5970,
38.5070

■ 34.3280, -31.5970,
38.5070

■ 253.2390, 0.8250,
1.5690

■ 12.4260, -34.9890,
33.8990

■ 87.5080, -23.1160,
44.5000

■ 9.5760, -26.9640,
26.1240

■ 114.1600,
-22.0160, 46.5920

■ 10.2480, -20.5890,
15.2110

■ 140.8120,
-20.9160, 48.6840

■ 5.3920, -12.4270,
10.4610

■ 165.6570,
-13.3500, 43.7220

■ 2.0690, -4.4480,
3.5200

■ 190.1770, -3.4910,
35.7490

■ 0.0000, 0.0000,
0.0000

■ 214.9960, 6.9640,

27.9880

■ 236.8030, 8.5250,
16.2130

■ 34.3280, -31.5970,
38.5070

■ 34.3280, -31.5970,
38.5070

■ 22.5220, -34.8990,
43.2850

■ 45.5470, -28.0200,
34.2520

■ 18.9780, -36.1830,
44.5290

■ 57.6520, -24.1220,
29.6860

■ 68.8710, -20.5450,
25.4310

■ 80.6770, -17.2430,
20.6530

■ 92.1950, -13.0700,
16.6100

■ 104.0010, -9.7680,
11.8320

■ 115.2200, -6.1910,
7.5770

■ 127.3250, -2.2930,
3.0110

■ 138.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



47.7210, -64.1010, 21.8430



34.3280, -31.5970, 38.5070



42.8510, 36.0740, 51.0980

Triad

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



34.3280, -31.5970, 38.5070



35.7040, 48.0480, 10.2880



41.7350, -33.4670, -15.7310

Complementary

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



34.3280, -31.5970, 38.5070



118.6720, 31.5970, -38.5070

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.



34.6330, -16.2250, -30.8570



34.3280, -31.5970, 38.5070



40.1690, 15.0410, -13.7830

Square

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



34.3280, -31.5970, 38.5070



34.9830, 69.7320, 24.8040



32.2850, -15.1250, -28.7650



48.4780, -51.0760, 0.5400

Rectangle

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



34.3280, -31.5970, 38.5070



43.5310, 57.1660, 43.2940



32.2850, -15.1250, -28.7650



39.5690, -27.3680, -21.6400

Sweetspot

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



34.3280, -31.5970, 38.5070



136.4400, -12.3820, 15.1540



94.1470, -66.9820, -19.5740



65.6760, -7.4750, 8.8210



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



34.3280, -31.5970, 38.5070



24.5490, -47.5560, 57.9160



51.6700, 2.9710, 50.8030



60.6840, -1.9260, 1.8660



18.1090, -35.1740, 42.7620



0.3420, -0.9630, 0.9330

Inverse Universe

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



65.1810, 35.3850, 58.0810



70.9780, 53.2150, 87.3830



101.3300, -2.9710, -50.8030



62.4780, 1.6500, 3.1380



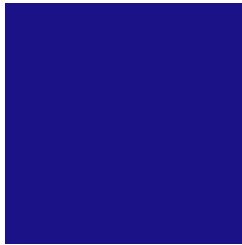
52.4360, 39.2810, 64.5690



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 34.3280, -31.5970, 38.5070 looks on a white background.

Color Contrast Check

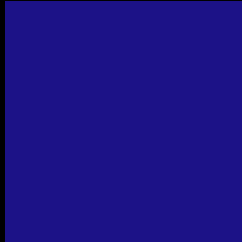
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 34.3280, -31.5970, 38.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

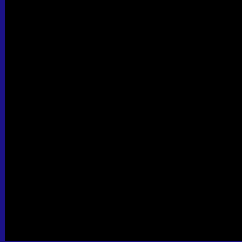
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.3280, -31.5970, 38.5070

Background



This preview shows how black text looks on a background with the YIQ color 34.3280, -31.5970, 38.5070.



This preview shows how white text looks on a background with the YIQ color 34.3280, -31.5970,

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

34.3280, -31.5970, 38.5070

Protanopia

35.5010, -40.7150, 5.5010

Deuteranopia

35.7800, -37.3670, -0.1110

Trichromacy



Original Color

34.3280, -31.5970, 38.5070

Protanomaly

35.0320, -37.4160, 17.3040

Deuteranomaly

35.2940, -35.3980, 13.7700

Monochromacy



Original Color

34.3280, -31.5970, 38.5070

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0980, -11.4190, 14.2210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3280, -31.5970, 38.5070 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(28, 18, 135)` looks like.

```
.text, #text, p{  
    color:rgb(28, 18, 135)  
}
```

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(28, 18, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 18, 135) }
```

Border

The CSS property to change the border of an element to YIQ 34.3280, -31.5970, 38.5070 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(28, 18, 135) }
```

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

```
.border{ border-color:rgb(28, 18, 135) }
```

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

Here you see how a box with a 4 pixel rgb(28, 18, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 18, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 18, 135);  
box-shadow:4px 4px 4px 4px rgb(28, 18,  
135) }
```


Background

The CSS property to change the background color of an element to YIQ 34.3280, -31.5970, 38.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 18, 135) }
```

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

```
.background{ background-color: rgb(28, 18,  
135) }
```

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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