

Converting Colors

YIQ(38.9880, 35.8050, 17.4130)

Have a look what the booklet for
YIQ(38.9880, 35.8050, 17.4130)
contains.

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Color

**YIQ(38.9880, 35.8050,
17.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	54121D
RGB	84, 18, 29
RGB Percent	33%, 7%, 11%
CMY	0.6704, 0.9295, 0.8861
CMYK	0.00, 0.79, 0.65, 0.67
HSL	350°, 65%, 20%
HSV	350°, 79%, 33%
XYZ	4.0979, 2.4073, 1.4133
YIQ	38.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

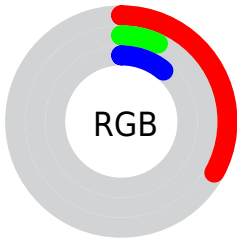
Format	Color
RYB	84, 18, 29
Decimal	5509661
CIELab	17.49, 30.95, 10.75
CIElCh	17, 32.766, 19.146
Yxy	2.4073, 0.5175, 0.3040
Android (android.graphics.Color)	4283699741 (0xFF54121D)
YUV	38.9880, -4.9241, 39.4755
Hunter-Lab	15.5156, 19.9928, 5.4603

Details

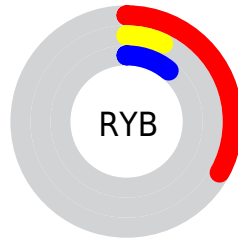
The YIQ color **38.9880, 35.8050, 17.4130** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **63.0120, -35.8050, -17.4130**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.2120, 40.9860, 17.1300**, and **10.2800, 19.9430, 7.5190** is the 20% darker color. If you saturate the color by 10%, you get **33.4940, 40.2520, 19.4200**, and if you desaturate by 10%, it is **44.4820, 31.3580, 15.4060**.

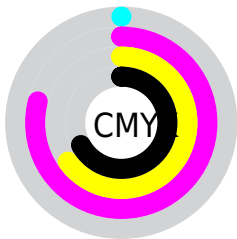
Distribution



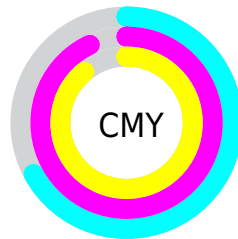
- Red (33%)
- Green (7%)
- Blue (11%)



- Red (33%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (65%)
- Black (67%)



- Cyan (67%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.9880, 35.8050, 17.4130 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 38.9880, 35.8050, 17.4130 by changing the saturation by 10% instead.

■ 38.9880, 35.8050,
17.4130

■ 38.9880, 35.8050,
17.4130

■ 254.4130, 0.2750,
0.5230

■ 17.9830, 34.2010,
13.4410

■ 88.2120, 40.9860,
17.1300

■ 10.2800, 19.9430,
7.5190

■ 113.9950, 43.0950,
17.4550

■ 0.0000, 0.0000,
0.0000


■ 139.8920, 44.8830,
18.0910


■ 167.2620, 46.7170,
17.8930


■ 194.2730, 48.1840,
18.8400


■ 214.6840, 33.6050,


13.2290


 234.3120, 16.9170,
7.2930


 38.9880, 35.8050,
17.4130


 38.9880, 35.8050,
17.4130


 33.4940, 40.2520,
19.4200


 44.4820, 31.3580,
15.4060


 27.4130, 44.9740,
21.9500

 50.5630, 26.6360,
12.8760

 26.7120, 45.5700,
22.1620

 56.0570, 22.1890,
10.8690

 62.1380, 17.4670,
8.3390

 67.6320, 13.0200,
6.3320

■ 73.1260, 8.5730,
4.3250

■ 79.2070, 3.8510,
1.7950

■ 84.7010, -0.5960,
-0.2120

■ 90.7820, -5.3180,
-2.7420

Harmonies

Analogous

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



40.5280, 25.7170, 24.0290



38.9880, 35.8050, 17.4130



39.8010, 37.2290, 2.6130

Triad

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



38.9880, 35.8050, 17.4130



32.8280, -12.1000, -23.0120



38.3220, -41.7690, 2.5750

Complementary

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



38.9880, 35.8050, 17.4130



63.0120, -35.8050, -17.4130

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.



39.4160, -39.3380, -2.9380



38.9880, 35.8050, 17.4130



34.8730, -25.1680, -17.4560

Square

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



38.9880, 35.8050, 17.4130



39.2610, 11.7860, -15.3660



37.7230, -33.1930, -9.6810



39.7910, -26.7320, 10.9000

Rectangle

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



38.9880, 35.8050, 17.4130



40.5780, 30.3070, -4.1010



37.7230, -33.1930, -9.6810



39.2680, -41.6770, 0.9070

Sweetspot

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



38.9880, 35.8050, 17.4130



91.6430, 14.4870, 7.2790



41.6700, 10.9980, 31.9740



45.1260, 8.5730, 4.3250



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



38.9880, 35.8050, 17.4130



39.7350, 55.9310, 27.1230



50.0610, 33.5610, 3.0090



38.1960, 2.3840, 0.8480



33.3330, 57.1230, 27.5470



73.8140, 125.7530, 61.3130

Inverse Universe

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



38.9880, 35.8050, 17.4130



39.7350, 55.9310, 27.1230



51.9390, -33.5610, -3.0090



38.1960, 2.3840, 0.8480



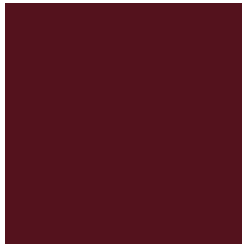
33.3330, 57.1230, 27.5470



73.8140, 125.7530, 61.3130

Previews

White Background



This preview shows how the YIQ color 38.9880, 35.8050, 17.4130 looks on a white background.

Color Contrast Check

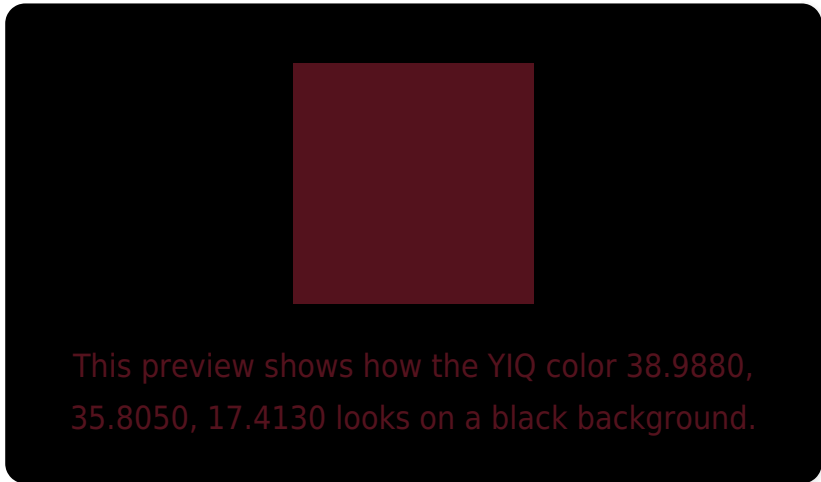
Large Text (above 18pt) WCAG AA ✓ Pass

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

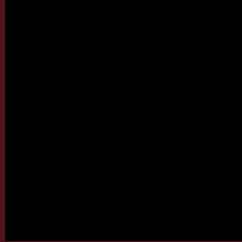
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.9880, 35.8050, 17.4130

Background



This preview shows how black text looks on a background with the YIQ color 38.9880, 35.8050, 17.4130.



This preview shows how white text looks on a background with the YIQ color 38.9880, 35.8050,

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

38.9880, 35.8050, 17.4130

Protanopia

45.0280, 2.7970, -1.1310

Deuteranopia

44.6500, 12.6090, -2.7430



Tritanopia

39.1360, 38.1440, 13.5680

Trichromacy



Original Color

38.9880, 35.8050, 17.4130

Protanomaly

42.5890, 14.5790, 5.6110

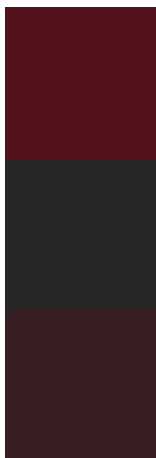
Deuteranomaly

42.7700, 21.3190, 4.6070

Tritanomaly

38.8910, 37.4560, 15.0240

Monochromacy



Original Color

38.9880, 35.8050, 17.4130

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.6320, 13.0200, 6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.9880, 35.8050, 17.4130 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(84, 18, 29)` looks like.

```
.text, #text, p{  
    color:rgb(84, 18, 29)  
}
```

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(84, 18, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 18, 29) }
```

Border

The CSS property to change the border of an element to YIQ 38.9880, 35.8050, 17.4130 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(84, 18, 29) }
```


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

```
.border{ border-color:rgb(84, 18, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 18, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 18, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 18, 29);  
box-shadow:4px 4px 4px 4px rgb(84, 18, 29)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.9880, 35.8050, 17.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 18, 29) }
```

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

```
.background{ background-color: rgb(84, 18,  
29) }
```

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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