

Converting Colors

YIQ(38.0800, 6.1870, 14.5310)

Have a look what the booklet for
YIQ(38.0800, 6.1870, 14.5310)
contains.

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Color

**YIQ(38.0800, 6.1870,
14.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	351B38
RGB	53, 27, 56
RGB Percent	21%, 11%, 22%
CMY	0.7921, 0.8942, 0.7804
CMYK	0.05, 0.52, 0.00, 0.78
HSL	294°, 35%, 16%
HSV	294°, 52%, 22%
XYZ	2.5748, 1.8263, 3.9583
YIQ	38.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

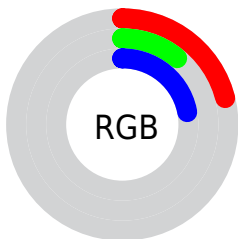
Format	Color
R_{YB}	53, 27, 56
Decimal	3480376
CIE _{Lab}	14.55, 18.49, -13.58
CIE _{LCh}	15, 22.946, 323.699
Yxy	1.8263, 0.3080, 0.2185
Android (android.graphics.Color)	4281670456 (0xFF351B38)
YUV	38.0800, 8.8346, 13.0848
Hunter-Lab	13.5142, 10.3587, -7.9059

Details

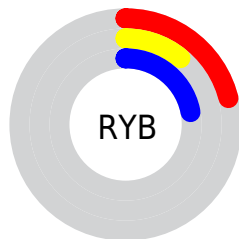
The YIQ color **38.0800, 6.1870, 14.5310** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.9200, -6.1870, -14.5310**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.6180, 7.6080, 16.3120**, and **1.1400, -3.2100, 3.1100** is the 20% darker color. If you saturate the color by 10%, you get **34.2590, 7.2410, 17.4570**, and if you desaturate by 10%, it is **41.9010, 5.1330, 11.6050**.

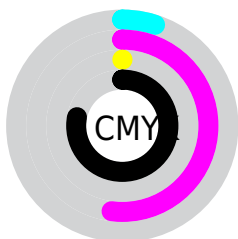
Distribution



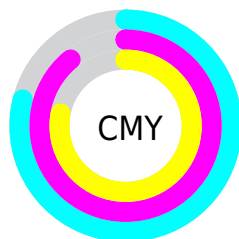
- Red (21%)
- Green (11%)
- Blue (22%)



- Red (21%)
- Yellow (11%)
- Blue (22%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (78%)



- Cyan (79%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.0800, 6.1870, 14.5310 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 38.0800, 6.1870, 14.5310 by changing the saturation by 10% instead.

■ 38.0800, 6.1870,
14.5310

■ 38.0800, 6.1870,
14.5310

■ 255.0000, -0.0000,
-0.0000

■ 15.9060, 6.7370,
15.5770

■ 83.6180, 7.6080,
16.3120

■ 1.1400, -3.2100,
3.1100

■ 108.0310, 7.8830,
16.8350

■ 0.0000, 0.0000,
0.0000

■ 133.4440, 8.1580,
17.3580

■ 159.8570, 8.4330,
17.8810

■ 186.9710, 8.1120,
18.1920

■ 214.6830, 8.9830,

18.9270

239.1510, 7.4250,
14.1210

38.0800, 6.1870,
14.5310

38.0800, 6.1870,
14.5310

34.2590, 7.2410,
17.4570

41.9010, 5.1330,
11.6050

31.3240, 8.6160,
20.0720

44.8360, 3.7580,
8.9900

27.5030, 9.6700,
22.9980

48.6570, 2.7040,
6.0640

24.5680, 11.0450,
25.6130

51.5920, 1.3290,
3.4490

21.3340, 11.8240,
28.0160

55.4130, 0.2750,
0.5230

■ 58.9350, -1.3750,
-2.6150

■ 62.1690, -2.1540,
-5.0180

■ 65.9900, -3.2080,
-7.9440

■ 68.9250, -4.5830,
-10.5590

Harmonies

Analogous

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



36.7510, -12.0600, 9.3160



38.0800, 6.1870, 14.5310



36.7240, 18.9330, 14.8130

Triad

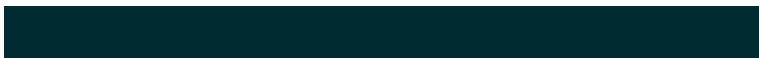
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.0800, 6.1870, 14.5310



35.1960, 19.5790, -7.9170



31.4140, -27.8290, -7.7730

Complementary

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



38.0800, 6.1870, 14.5310



44.9200, -6.1870, -14.5310

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.



29.5900, -22.6930, -12.7490



38.0800, 6.1870, 14.5310



33.6460, 9.2640, -13.7120

Square

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



38.0800, 6.1870, 14.5310



35.2880, 25.4920, 0.5640



30.6530, -9.8090, -14.9690



32.3090, -31.7270, -3.2070

Rectangle

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



38.0800, 6.1870, 14.5310



36.0680, 23.6560, 11.8160



30.6530, -9.8090, -14.9690



31.4310, -26.4990, -9.8510

Sweetspot

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



38.0800, 6.1870, 14.5310



66.6570, 2.7040, 6.0640



32.0670, -10.1340, 7.4500



33.8910, 1.9250, 3.6610



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



38.0800, 6.1870, 14.5310



45.5030, 9.6700, 22.9980



37.7230, 11.5060, 11.7460



26.2390, 0.8250, 1.5690



35.0060, 19.3400, 45.9960



83.8690, 47.1130, 109.8730

Inverse Universe

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



36.0130, 16.3210, 7.0810



42.3240, 25.8110, 11.3070



45.2770, -11.5060, -11.7460



26.0110, 1.4670, 0.9470



28.5340, 51.9430, 22.3030



68.1030, 123.1410, 53.5810

Previews

White Background



This preview shows how the YIQ color 38.0800, 6.1870, 14.5310 looks on a white background.

Color Contrast Check

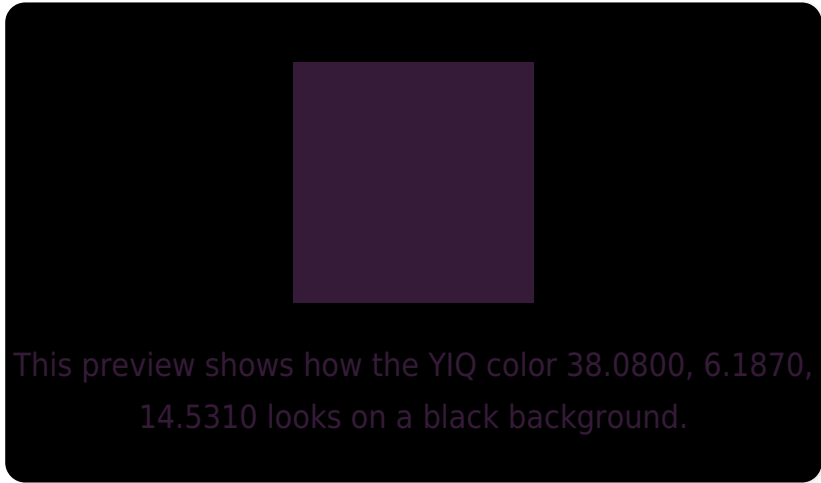
Large Text (above 18pt) WCAG AA ✓ Pass

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

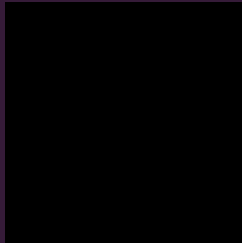
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.0800, 6.1870, 14.5310

Background



This preview shows how black text looks on a background with the YIQ color 38.0800, 6.1870, 14.5310.



This preview shows how white text looks on a background with the YIQ color 38.0800, 6.1870,

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

38.0800, 6.1870, 14.5310

Protanopia

35.9030, -15.5440, 6.3760

Deuteranopia

37.1440, -9.0330, 4.0150



Tritanopia

37.7240, 9.7650, 4.7490

Trichromacy



Original Color

38.0800, 6.1870, 14.5310

Protanomaly

36.7900, -7.7960, 9.1320

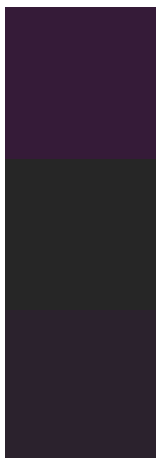
Deuteranomaly

37.3020, -3.4860, 8.1140

Tritanomaly

37.7610, 8.3430, 8.4950

Monochromacy



Original Color

38.0800, 6.1870, 14.5310

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

37.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.0800, 6.1870, 14.5310 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, 27, 56)` looks like.

```
.text, #text, p{  
    color:rgb(53, 27, 56)  
}
```

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, 27, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 27, 56) }
```

Border

The CSS property to change the border of an element to YIQ 38.0800, 6.1870, 14.5310 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, 27, 56) }
```


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

```
.border{ border-color:rgb(53, 27, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 27, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 27, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 27, 56);  
box-shadow:4px 4px 4px 4px rgb(53, 27, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.0800, 6.1870, 14.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 27, 56) }
```

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

```
.background{ background-color: rgb(53, 27,  
56) }
```

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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