

Converting Colors

YIQ(51.9880, 1.4150, 34.9430)

Have a look what the booklet for
YIQ(51.9880, 1.4150, 34.9430)
contains.

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Color

**YIQ(51.9880, 1.4150,
34.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1D6E
RGB	75, 29, 110
RGB Percent	29%, 11%, 43%
CMY	0.7057, 0.8863, 0.5687
CMYK	0.32, 0.74, 0.00, 0.57
HSL	274°, 58%, 27%
HSV	274°, 74%, 43%
XYZ	6.1574, 3.5008, 15.0989
YIQ	51.9880, 1.4150, 34.9430

Conversions

Conversions Part 2

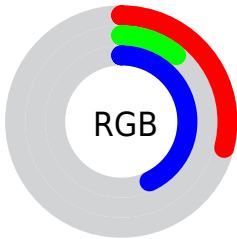
Format	Color
R_{YB}	75, 29, 110
Decimal	4922734
CIE Lab	21.95, 37.25, -38.09
CIE LCh	22, 53.277, 314.356
Yxy	3.5008, 0.2487, 0.1414
Android (android.graphics.Color)	4283112814 (0xFF4B1D6E)
YUV	51.9880, 28.5999, 20.1815
Hunter-Lab	18.7103, 25.9998, -34.7487

Details

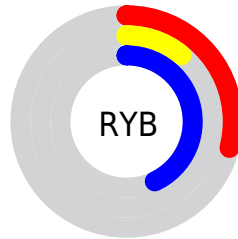
The YIQ color **51.9880, 1.4150, 34.9430** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **87.0120, -1.4150, -34.9430**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.6400, 2.5150, 37.0350**, and **15.4400, -3.2140, 25.2180** is the 20% darker color. If you saturate the color by 10%, you get **44.0360, 1.4600, 39.6360**, and if you desaturate by 10%, it is **59.9400, 1.3700, 30.2500**.

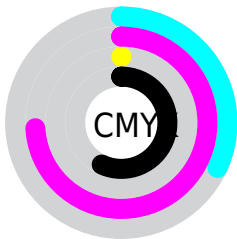
Distribution



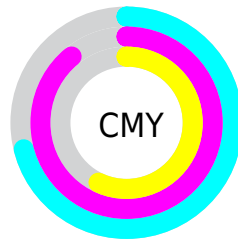
- Red (29%)
- Green (11%)
- Blue (43%)



- Red (29%)
- Yellow (11%)
- Blue (43%)



- Cyan (32%)
- Magenta (74%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.9880, 1.4150, 34.9430 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 51.9880, 1.4150, 34.9430 by changing the saturation by 10% instead.

■ 51.9880, 1.4150,
34.9430

■ 51.9880, 1.4150,
34.9430

■ 255.0000, -0.0000,
-0.0000

■ 26.4010, 1.6900,
35.4660

■ 101.6400, 2.5150,
37.0350

■ 15.4400, -3.2140,
25.2180

■ 127.5800, 2.7440,
38.3920

■ 5.0330, -12.7940,
11.6060

■ 154.4060, 3.2940,
39.4380

■ 2.4110, -5.4110,
4.4530


■ 181.2320, 3.8440,
40.4840


■ 0.0000, 0.0000,
0.0000


■ 206.7780, 10.8140,
35.3100


■ 227.9980, 12.6500,

24.0580

 245.0210, 4.6750,
8.8910

 51.9880, 1.4150,
34.9430

 51.9880, 1.4150,
34.9430

 44.0360, 1.4600,
39.6360

 59.9400, 1.3700,
30.2500

 36.3830, 2.1010,
44.5410

 67.8920, 1.3250,
25.5570

 31.3770, 2.2380,
47.5660

 75.5450, 0.6840,
20.6520

 83.4970, 0.6390,
15.9590

 91.4490, 0.5940,
11.2660

■ 99.4010, 0.5490,
6.5730

■ 107.0540, -0.0920,
1.6680

■ 115.0060, -0.1370,
-3.0250

■ 122.9580, -0.1820,
-7.7180

Harmonies

Analogous

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



45.4580, -56.3510, 13.5450



51.9880, 1.4150, 34.9430



41.4400, 41.4850, 46.6450

Triad

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



51.9880, 1.4150, 34.9430



49.7590, 37.0470, -5.1050



48.0100, -41.4910, -13.4830

Complementary

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



51.9880, 1.4150, 34.9430



87.0120, -1.4150, -34.9430

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.



42.6350, -27.7340, -26.0220



51.9880, 1.4150, 34.9430



47.8110, 12.9330, -19.6350

Square

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



51.9880, 1.4150, 34.9430



41.3850, 59.3720, 14.3160



37.5680, -17.6000, -33.4720



52.2280, -53.3680, -1.9760

Rectangle

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



51.9880, 1.4150, 34.9430



40.8680, 54.5990, 40.2550



37.5680, -17.6000, -33.4720



46.5280, -37.3180, -17.5260

Sweetspot

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



51.9880, 1.4150, 34.9430



120.0300, 0.4560, 13.7680



58.7790, -35.6260, 6.8860



58.0420, 0.1820, 7.7180



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



51.9880, 1.4150, 34.9430



52.8920, 2.4660, 54.4500



61.8830, 23.8800, 40.8080



51.8800, 0.4580, 2.7140



34.0120, 2.0080, 51.7360



70.3170, 4.7490, 106.7090

Inverse Universe

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



57.2090, 37.0410, 28.0570



60.8300, 57.7620, 43.5060



77.1170, -23.8800, -40.8080



52.1360, 2.6130, 2.2050



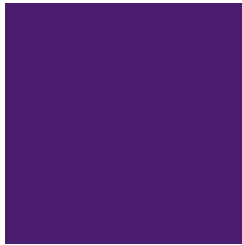
41.8080, 54.8280, 41.6120



86.0510, 112.8650, 85.6410

Previews

White Background



This preview shows how the YIQ color 51.9880, 1.4150, 34.9430 looks on a white background.

Color Contrast Check

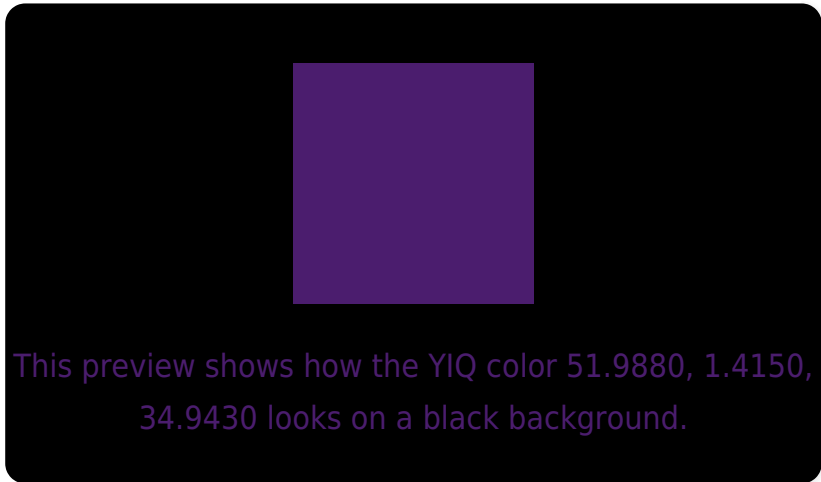
Large Text (above 18pt) WCAG AA ✓ Pass

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

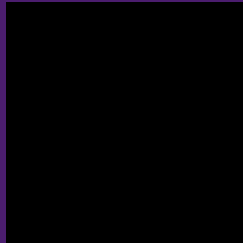
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.9880, 1.4150, 34.9430

Background



This preview shows how black text looks on a background with the YIQ color 51.9880, 1.4150, 34.9430.



This preview shows how white text looks on a background with the YIQ color 51.9880, 1.4150,

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

51.9880, 1.4150, 34.9430

Protanopia

42.9500, -49.2890, 6.7030

Deuteranopia

43.1150, -45.6200, 0.7800



Tritanopia

54.2400, 8.2520, 4.6360

Trichromacy



Original Color

51.9880, 1.4150, 34.9430

Protanomaly

46.3270, -30.9970, 16.6110

Deuteranomaly

46.4750, -28.6580, 12.7660

Tritanomaly

53.7210, 5.8200, 15.6760

Monochromacy



Original Color

51.9880, 1.4150, 34.9430

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0900, 0.2270, 12.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.9880, 1.4150, 34.9430 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(75, 29, 110)` looks like.

```
.text, #text, p{  
    color:rgb(75, 29, 110)  
}
```

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(75, 29, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 29, 110) }
```

Border

The CSS property to change the border of an element to YIQ 51.9880, 1.4150, 34.9430 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(75, 29, 110) }
```


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

```
.border{ border-color:rgb(75, 29, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 29, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 29, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 29, 110);  
box-shadow:4px 4px 4px 4px rgb(75, 29,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 51.9880, 1.4150, 34.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 29, 110) }
```

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

```
.background{ background-color: rgb(75, 29,  
110) }
```

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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