

Converting Colors

YIQ(50.9080, -5.9130, -8.4810)

Have a look what the booklet for
YIQ(50.9080, -5.9130, -8.4810)
contains.

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Color

**YIQ(50.9080, -5.9130,
-8.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	283A2B
RGB	40, 58, 43
RGB Percent	16%, 23%, 17%
CMY	0.8432, 0.7725, 0.8314
CMYK	0.31, 0.00, 0.26, 0.77
HSL	130°, 18%, 19%
HSV	130°, 31%, 23%
XYZ	2.8240, 3.6521, 2.8413
YIQ	50.9080, -5.9130, -8.4810

Conversions

Conversions Part 2

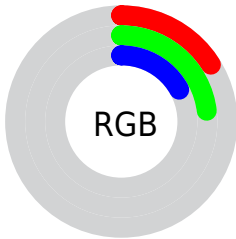
Format	Color
R_{YB}	40, 55, 58
Decimal	2636331
CIE _{Lab}	22.49, -11.03, 7.03
CIE _{LCh}	22, 13.080, 147.469
Yxy	3.6521, 0.3031, 0.3920
Android (android.graphics.Color)	4280826411 (0xFF283A2B)
YUV	50.9080, -3.8986, -9.5663
Hunter-Lab	19.1105, -7.0663, 4.5623

Details

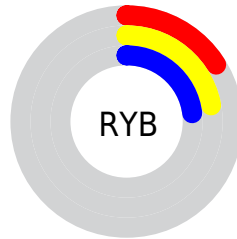
The YIQ color **50.9080, -5.9130, -8.4810** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.0920, 5.9130, 8.4810**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.3810, -5.8670, -9.3150**, and **9.3920, -4.4000, -8.3680** is the 20% darker color. If you saturate the color by 10%, you get **48.5440, -7.8840, -11.3080**, and if you desaturate by 10%, it is **53.2720, -3.9420, -5.6540**.

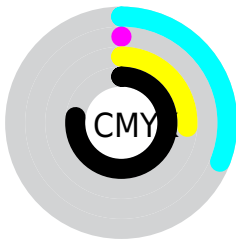
Distribution



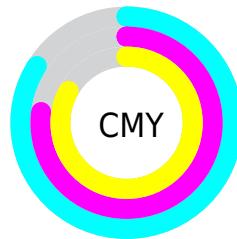
- Red (16%)
- Green (23%)
- Blue (17%)



- Red (16%)
- Yellow (22%)
- Blue (23%)



- Cyan (31%)
- Magenta (0%)
- Yellow (26%)
- Black (77%)



- Cyan (84%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.9080, -5.9130, -8.4810 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 50.9080, -5.9130, -8.4810 by changing the saturation by 10% instead.

■ 50.9080, -5.9130,
-8.4810

■ 50.9080, -5.9130,
-8.4810

■ 255.0000, -0.0000,
-0.0000

■ 29.3210, -5.6380,
-7.9580

■ 97.3810, -5.8670,
-9.3150

■ 9.3920, -4.4000,
-8.3680

■ 122.0820, -6.4630,
-9.5270

■ 0.0000, 0.0000,
0.0000

■ 147.9680, -6.1420,
-9.8380

■ 174.6690, -6.7380,
-10.0500

■ 202.2560, -7.0130,
-10.5730

■ 230.2560, -7.0130,

-10.5730

251.2120, -3.7130,
-4.2970

50.9080, -5.9130,
-8.4810

50.9080, -5.9130,
-8.4810

48.5440, -7.8840,
-11.3080

53.2720, -3.9420,
-5.6540

46.1800, -9.8550,
-14.1350

55.6360, -1.9710,
-2.8270

44.2290, -11.5510,
-16.4390

57.5870, -0.2750,
-0.5230

41.8650, -13.5220,
-19.2660

59.9510, 1.6960,
2.3040

39.5010, -15.4930,
-22.0930

62.3150, 3.6670,
5.1310

■ 37.1370, -17.4640,
-24.9200

■ 64.6790, 5.6380,
7.9580

■ 35.1860, -19.1600,
-27.2240

■ 67.0430, 7.6090,
10.7850

■ 69.1080, 8.9840,
13.4000

■ 71.3580, 11.2760,
15.9160

Harmonies

Analogous

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



52.2250, 3.4400, -7.2800



50.9080, -5.9130, -8.4810



49.3460, -15.9540, -8.2260

Triad

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



50.9080, -5.9130, -8.4810



52.5670, -14.7180, 2.4180



54.5460, 16.1380, 4.8900

Complementary

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



50.9080, -5.9130, -8.4810



47.0920, 5.9130, 8.4810

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.



55.3870, 12.3320, 7.7880



50.9080, -5.9130, -8.4810



54.7640, -4.9070, 6.3330

Square

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



50.9080, -5.9130, -8.4810



49.5120, -22.0530, -2.3170



54.9070, 4.9960, 8.5800



54.3130, 15.1760, 0.2960

Rectangle

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



50.9080, -5.9130, -8.4810



48.5350, -20.8600, -7.4200



54.9070, 4.9960, 8.5800



54.8880, 15.1750, 5.8230

Sweetspot

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



50.9080, -5.9130, -8.4810



74.2230, -2.2460, -3.3500



55.0510, 3.9900, -6.2340



36.4620, -1.4210, -1.7810



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.



50.9080, -5.9130, -8.4810



65.5930, -9.5800, -13.6120



51.9340, -8.8020, -5.6820



26.8750, -1.1460, -1.2580



55.7140, -30.1150, -43.4510



132.7710, -72.1020, -103.0300

Inverse Universe

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



47.0920, 5.9130, 8.4810



59.4070, 9.5800, 13.6120



46.0660, 8.8020, 5.6820



26.2390, 0.8250, 1.5690



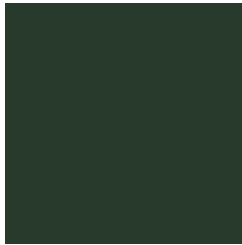
36.1720, 30.4360, 43.1400



86.3430, 71.7810, 103.3410

Previews

White Background



This preview shows how the YIQ color 50.9080, -5.9130, -8.4810 looks on a white background.

Color Contrast Check

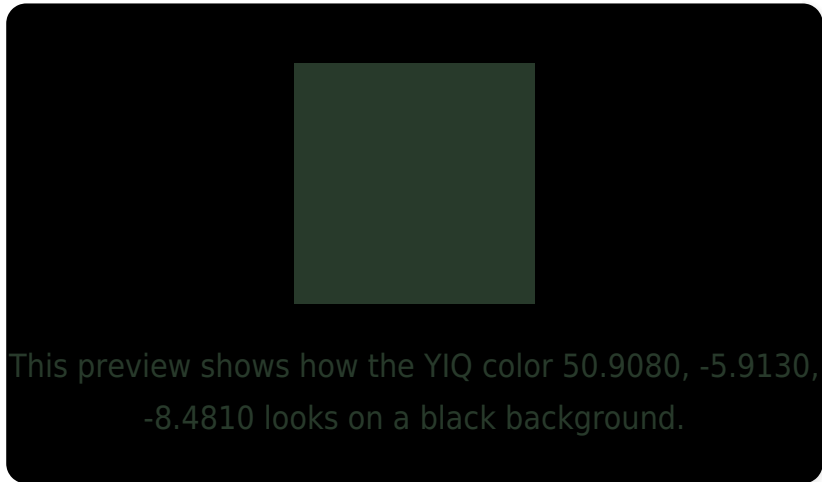
Large Text (above 18pt) WCAG AA ✓ Pass

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

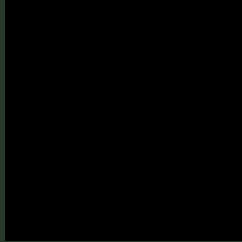
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.9080, -5.9130, -8.4810

Background



This preview shows how black text looks on a background with the YIQ color 50.9080, -5.9130, -8.4810.



This preview shows how white text looks on a background with the YIQ color 50.9080, -5.9130, -8.4810.

-8.4810.

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

50.9080, -5.9130, -8.4810

Protanopia

53.4150, 5.9610, -3.4070

Deuteranopia

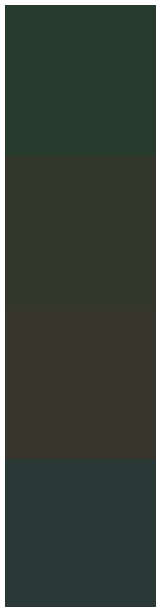
54.0780, 8.5280, -0.3680



Tritanopia

52.5690, -9.0320, -1.5120

Trichromacy



Original Color

50.9080, -5.9130, -8.4810

Protanomaly

52.3220, 1.7890, -4.8910

Deuteranomaly

52.8600, 3.2100, -3.1100

Tritanomaly

52.1730, -7.9770, -4.1130

Monochromacy



Original Color

50.9080, -5.9130, -8.4810

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.9080, -5.9130, -8.4810 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(40, 58, 43)` looks like.

```
.text, #text, p{  
    color:rgb(40, 58, 43)  
}
```

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(40, 58, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 58, 43) }
```

Border

The CSS property to change the border of an element to YIQ 50.9080, -5.9130, -8.4810 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(40, 58, 43) }
```


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

```
.border{ border-color:rgb(40, 58, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 58, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 58, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 58, 43);  
box-shadow:4px 4px 4px 4px rgb(40, 58, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.9080, -5.9130, -8.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 58, 43) }
```

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

```
.background{ background-color: rgb(40, 58,  
43) }
```

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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