

Converting Colors

YIQ(58.9880, -18.0620,
-14.0780)

Have a look what the booklet for
YIQ(58.9880, -18.0620, -14.0780)
contains.

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Color

**YIQ(58.9880, -18.0620,
-14.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	214937
RGB	33, 73, 55
RGB Percent	13%, 29%, 22%
CMY	0.8707, 0.7137, 0.7844
CMYK	0.55, 0.00, 0.25, 0.71
HSL	153°, 38%, 21%
HSV	153°, 55%, 29%
XYZ	3.6992, 5.3659, 4.4533
YIQ	58.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

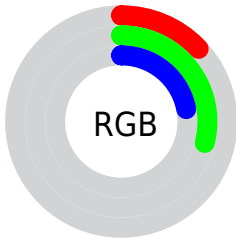
Format	Color
R_{YB}	33, 59, 73
Decimal	2181431
CIE _{Lab}	27.75, -19.14, 6.53
CIE _{LCh}	28, 20.227, 161.173
Yxy	5.3659, 0.2736, 0.3969
Android (android.graphics.Color)	4280371511 (0xFF214937)
YUV	58.9880, -1.9661, -22.7915
Hunter-Lab	23.1643, -12.0322, 4.8166

Details

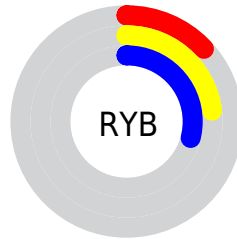
The YIQ color **58.9880, -18.0620, -14.0780** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.0120, 18.0620, 14.0780**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.4610, -18.0160, -14.9120**, and **18.8640, -11.7810, -12.2690** is the 20% darker color. If you saturate the color by 10%, you get **56.5530, -21.2710, -16.4950**, and if you desaturate by 10%, it is **61.4230, -14.8530, -11.6610**.

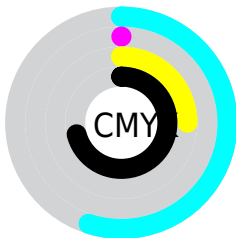
Distribution



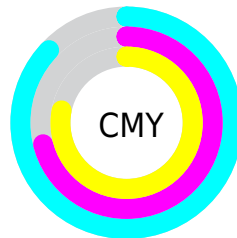
- Red (13%)
- Green (29%)
- Blue (22%)



- Red (13%)
- Yellow (23%)
- Blue (29%)



- Cyan (55%)
- Magenta (0%)
- Yellow (25%)
- Black (71%)



- Cyan (87%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.9880, -18.0620, -14.0780 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 58.9880, -18.0620, -14.0780 by changing the saturation by 10% instead.

■ 58.9880, -18.0620,
-14.0780

■ 58.9880, -18.0620,
-14.0780

■ 255.0000, -0.0000,
-0.0000

■ 35.6180, -19.8960,
-13.8800

■ 107.4610,
-18.0160, -14.9120

■ 18.8640, -11.7810,
-12.2690

■ 133.0480,
-18.2910, -15.4350

■ 0.0000, 0.0000,
0.0000

■ 159.3360,
-19.1620, -16.1700

■ 186.2220,
-18.8410, -16.4810

■ 213.9230,
-19.4370, -16.6930

■ 240.1620,

-18.6120, -15.1240

251.1130, -7.7480,
-2.7560

58.9880, -18.0620,
-14.0780

58.9880, -18.0620,
-14.0780

56.5530, -21.2710,
-16.4950

61.4230, -14.8530,
-11.6610

53.7050, -24.7550,
-19.4350

64.2710, -11.3690,
-8.7210

51.2700, -27.9640,
-21.8520

66.7060, -8.1600,
-6.3040

48.8350, -31.1730,
-24.2690

69.1410, -4.9510,
-3.8870

47.4110, -32.9150,
-25.7390

71.5760, -1.7420,
-1.4700

■ 74.4240, 1.7420,
1.4700

■ 76.8590, 4.9510,
3.8870

■ 79.2940, 8.1600,
6.3040

■ 82.1420, 11.6440,
9.2440

Harmonies

Analogous

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



62.3120, -1.4190, -12.8350



58.9880, -18.0620, -14.0780



53.6250, -38.9690, -15.1370

Triad

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



58.9880, -18.0620, -14.0780



64.6470, -17.6990, 6.8850



65.9230, 25.2620, 4.7340

Complementary

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



58.9880, -18.0620, -14.0780



47.0120, 18.0620, 14.0780

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.



66.6550, 23.3810, 11.2930



58.9880, -18.0620, -14.0780



67.2040, -0.0940, 12.7220

Square

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



58.9880, -18.0620, -14.0780



58.7970, -36.0370, -2.1890



67.5600, 13.5230, 13.7390



65.0270, 21.7330, -2.8990

Rectangle

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



58.9880, -18.0620, -14.0780



52.0850, -46.0760, -12.9880



67.5600, 13.5230, 13.7390



66.3900, 25.4450, 6.9250

Sweetspot

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



58.9880, -18.0620, -14.0780



88.8310, -7.0140, -5.0460



62.1610, 0.3240, -16.8920



44.8530, -4.0800, -3.1520



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



58.9880, -18.0620, -14.0780



72.2700, -27.9640, -21.8520



60.4530, -23.5650, -7.9570



34.5760, -1.7420, -1.4700



64.3830, -44.8800, -34.6720



147.4990, -102.5500, -79.8460

Inverse Universe

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



47.0120, 18.0620, 14.0780



53.7300, 27.9640, 21.8520



45.5470, 23.5650, 7.9570



33.4240, 1.7420, 1.4700



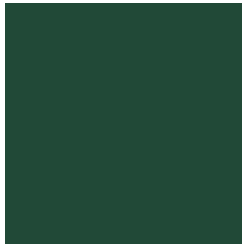
34.7310, 44.5590, 34.9830



79.5010, 102.5500, 79.8460

Previews

White Background



This preview shows how the YIQ color 58.9880, -18.0620, -14.0780 looks on a white background.

Color Contrast Check

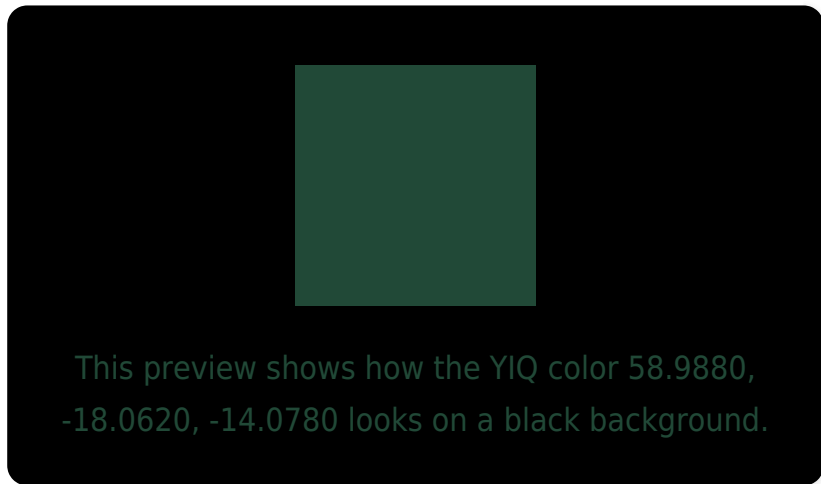
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.9880, -18.0620, -14.0780

Background



This preview shows how black text looks on a background with the YIQ color 58.9880, -18.0620, -14.0780.



This preview shows how white text looks on a background with the YIQ color 58.9880, -18.0620,

-14.0780.

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

58.9880, -18.0620, -14.0780

Protanopia

64.8990, 7.4740, -3.2940

Deuteranopia

65.9040, 9.0780, 0.6780



Tritanopia

61.4150, -20.4020, -4.7060

Trichromacy



Original Color

58.9880, -18.0620, -14.0780

Protanomaly

62.8870, -1.4200, -7.3080

Deuteranomaly

63.6530, -0.6410, -4.9050

Tritanomaly

60.4920, -19.3010, -8.1410

Monochromacy



Original Color

58.9880, -18.0620, -14.0780

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.9880, -18.0620, -14.0780 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(33, 73, 55)` looks like.

```
.text, #text, p{  
    color:rgb(33, 73, 55)  
}
```

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(33, 73, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 73, 55) }
```

Border

The CSS property to change the border of an element to YIQ 58.9880, -18.0620, -14.0780 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(33, 73, 55) }
```


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

```
.border{ border-color:rgb(33, 73, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 73, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 73, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 73, 55);  
box-shadow:4px 4px 4px 4px rgb(33, 73, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.9880, -18.0620, -14.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 73, 55) }
```

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

```
.background{ background-color: rgb(33, 73,  
55) }
```

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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