

Converting Colors

YIQ(58.4900, -16.9600,
-23.0400)

Have a look what the booklet for
YIQ(58.4900, -16.9600, -23.0400)
contains.

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Color

**YIQ(58.4900, -16.9600,
-23.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4E26
RGB	28, 78, 38
RGB Percent	11%, 31%, 15%
CMY	0.8903, 0.6940, 0.8510
CMYK	0.64, 0.00, 0.51, 0.69
HSL	132°, 47%, 21%
HSV	132°, 64%, 31%
XYZ	3.5535, 5.8380, 2.7725
YIQ	58.4900, -16.9600, -23.0400

Conversions

Conversions Part 2

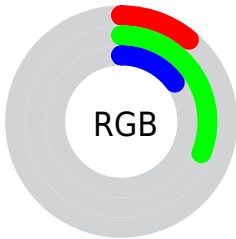
Format	Color
R_{YB}	28, 70, 78
Decimal	1855014
CIE _{Lab}	29.00, -26.78, 18.75
CIE _{LCh}	29, 32.687, 145.003
Yxy	5.8380, 0.2921, 0.4799
Android (android.graphics.Color)	4280045094 (0xFF1C4E26)
YUV	58.4900, -10.1016, -26.7397
Hunter-Lab	24.1619, -16.0316, 10.1100




Details

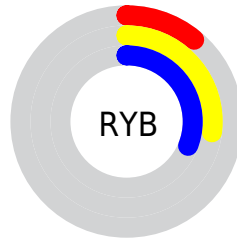
The YIQ color **58.4900, -16.9600, -23.0400** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47.5100, 16.9600, 23.0400**, and the grayscale version is **59.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **108.0340, -15.6760, -24.2840**, and **19.9580, -9.3500, -17.7820** is the 20% darker color. If you saturate the color by 10%, you get **55.4140, -19.8020, -26.6020**, and if you desaturate by 10%, it is **61.5660, -14.1180, -19.4780**.

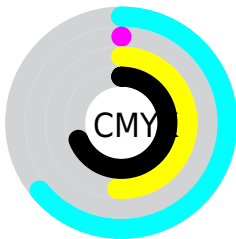
Distribution







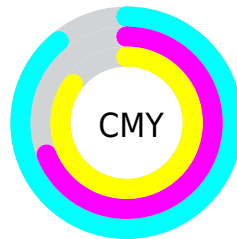
-  Red (11%)
-  Green (31%)
-  Blue (15%)






-  Red (11%)
-  Yellow (27%)
-  Blue (31%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (51%)
-  Black (69%)



-  Cyan (89%)
-  Magenta (69%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4900, -16.9600, -23.0400 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 58.4900, -16.9600, -23.0400 by changing the saturation by 10% instead.

■ 58.4900, -16.9600,
-23.0400

■ 58.4900, -16.9600,
-23.0400

■ 255.0000, -0.0000,
-0.0000

■ 34.2230, -20.5820,
-23.4780

■ 108.0340,
-15.6760, -24.2840

■ 19.9580, -9.3500,
-17.7820

■ 133.5070,
-15.6300, -25.1180

■ 0.0000, 0.0000,
0.0000

■ 160.0940,
-15.9050, -25.6410

■ 187.2680,
-16.4550, -26.6870

■ 215.1540,
-16.1340, -26.9980

■ 237.2840,

-13.3840, -21.7680

■ 248.8480, -5.6840,
-7.1240

■ 58.4900, -16.9600,
-23.0400

■ 58.4900, -16.9600,
-23.0400

■ 55.4140, -19.8020,
-26.6020

■ 61.5660, -14.1180,
-19.4780

■ 52.3380, -22.6440,
-30.1640

■ 64.6420, -11.2760,
-15.9160

■ 49.4470, -24.5690,
-33.8250

■ 67.5330, -9.3510,
-12.2550

■ 47.6100, -26.5860,
-35.8180

■ 70.6090, -6.5090,
-8.6930

■ 73.6850, -3.6670,
-5.1310

■ 76.7610, -0.8250,
-1.5690

■ 79.9510, 1.6960,
2.3040

■ 82.7280, 3.9420,
5.6540

■ 85.8040, 6.7840,
9.2160

Harmonies

Analogous

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



63.2560, 10.1820, -19.3380



58.4900, -16.9600, -23.0400



54.1420, -42.2230, -22.2470

Triad

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



58.4900, -16.9600, -23.0400



55.8300, -57.9990, -0.6470



67.2610, 39.2900, 14.8260

Complementary

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



58.4900, -16.9600, -23.0400



47.5100, 16.9600, 23.0400

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.



68.9260, 30.3480, 22.7000



58.4900, -16.9600, -23.0400



68.5150, -16.9670, 15.6490

Square

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



58.4900, -16.9600, -23.0400



58.2120, -56.4390, -6.8950



70.6880, 10.5870, 22.8990



67.0460, 37.9170, 1.1570

Rectangle

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



58.4900, -16.9600, -23.0400



56.7810, -48.2760, -17.1720



70.6880, 10.5870, 22.8990



67.8850, 37.5930, 18.0490

Sweetspot

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



58.4900, -16.9600, -23.0400



94.6090, -6.5090, -8.6930



69.3100, 10.0900, -17.6700



46.3860, -4.2630, -5.3430



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



58.4900, -16.9600, -23.0400



71.1970, -26.8610, -36.3410



61.3400, -24.9850, -15.2650



36.4620, -1.4210, -1.7810



62.1540, -34.4700, -47.1260



140.2540, -78.0160, -105.9840

Inverse Universe

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



47.5100, 16.9600, 23.0400



53.8030, 26.8610, 36.3410



44.6600, 24.9850, 15.2650



35.5380, 1.4210, 1.7810



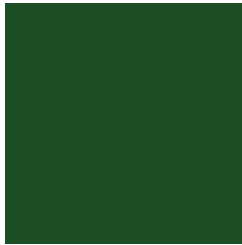
39.8460, 34.4700, 47.1260



89.7460, 78.0160, 105.9840

Previews

White Background



This preview shows how the YIQ color 58.4900, -16.9600, -23.0400 looks on a white background.

Color Contrast Check

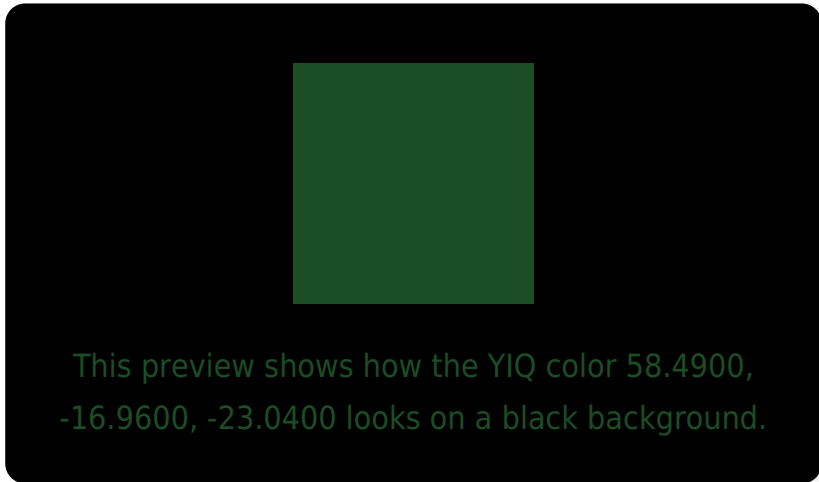
Large Text (above 18pt) WCAG AA ✓ Pass

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

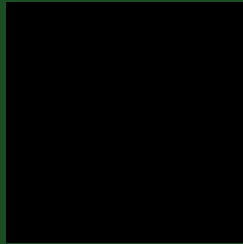
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.4900, -16.9600, -23.0400

Background



This preview shows how black text looks on a background with the YIQ color 58.4900, -16.9600, -23.0400.



This preview shows how white text looks on a background with the YIQ color 58.4900, -16.9600,

-23.0400.

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

58.4900, -16.9600, -23.0400

Protanopia

66.3310, 14.7650, -8.7790

Deuteranopia

67.6460, 18.4320, -3.6480



Tritanopia

64.4040, -21.8690, -5.6530

Trichromacy



Original Color

58.4900, -16.9600, -23.0400

Protanomaly

63.7100, 3.2120, -14.1640

Deuteranomaly

64.4870, 5.4580, -10.8140

Tritanomaly

62.0850, -19.7130, -11.6890

Monochromacy



Original Color

58.4900, -16.9600, -23.0400

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0220, -6.2340, -8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4900, -16.9600, -23.0400 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(28, 78, 38)` looks like.

```
.text, #text, p{  
    color:rgb(28, 78, 38)  
}
```

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(28, 78, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 78, 38) }
```

Border

The CSS property to change the border of an element to YIQ 58.4900, -16.9600, -23.0400 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(28, 78, 38) }
```


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

```
.border{ border-color:rgb(28, 78, 38) }
```

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

Here you see how a box with a 4 pixel rgb(28, 78, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 78, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 78, 38);  
box-shadow:4px 4px 4px 4px rgb(28, 78, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.4900, -16.9600, -23.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 78, 38) }
```

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

```
.background{ background-color: rgb(28, 78,  
38) }
```

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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