

Converting Colors

YIQ(118.3370, -28.9300,
-4.3380)

Have a look what the booklet for
YIQ(118.3370, -28.9300, -4.3380)
contains.

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Color

**YIQ(118.3370, -28.9300,
-4.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	58818F
RGB	88, 129, 143
RGB Percent	35%, 51%, 56%
CMY	0.6550, 0.4940, 0.4393
CMYK	0.38, 0.10, 0.00, 0.44
HSL	195°, 24%, 45%
HSV	195°, 38%, 56%
XYZ	16.8304, 19.7609, 28.9010
YIQ	118.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

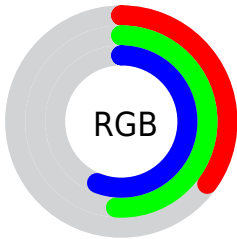
Format	Color
R _Y B	88, 111, 143
Decimal	5800335
CIE Lab	51.57, -10.46, -12.04
CIE LCh	52, 15.948, 229.021
Yxy	19.7609, 0.2570, 0.3017
Android (android.graphics.Color)	4283990415 (0xFF58818F)
YUV	118.3370, 12.1589, -26.6055
Hunter-Lab	44.4532, -10.2114, -7.4299

Details

The YIQ color **118.3370, -28.9300, -4.3380** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.6630, 28.9300, 4.3380**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.1520, -29.8470, -4.2390**, and **68.9240, -29.2050, -4.8610** is the 20% darker color. If you saturate the color by 10%, you get **111.8030, -36.1740, -5.2140**, and if you desaturate by 10%, it is **124.8710, -21.6860, -3.4620**.

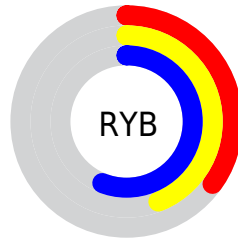
Distribution



Red (35%)

Green (51%)

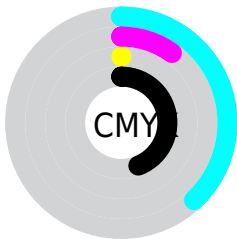
Blue (56%)



Red (35%)

Yellow (44%)

Blue (56%)

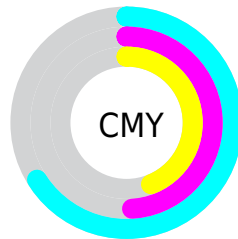


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (66%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3370, -28.9300, -4.3380 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 118.3370, -28.9300, -4.3380 by changing the saturation by 10% instead.

■ 118.3370,
-28.9300, -4.3380

■ 118.3370,
-28.9300, -4.3380

■ 255.0000, -0.0000,
-0.0000

■ 93.2230, -28.6090,
-4.6490

■ 171.1520,
-29.8470, -4.2390

■ 68.9240, -29.2050,
-4.8610

■ 198.8530,
-30.4430, -4.4510

■ 44.0160, -32.4600,
-6.4440

■ 226.8530,
-30.4430, -4.4510

■ 25.9030, -24.7120,
-3.6880

■ 245.4320,
-19.0720, -6.7840

■ 10.0080, -11.6460,
1.8100

■ 254.1030, -1.7880,
-0.6360

■ 0.0000, 0.0000,
0.0000

■ 118.3370,
-28.9300, -4.3380

■ 118.3370,
-28.9300, -4.3380

■ 111.8030,
-36.1740, -5.2140

■ 124.8710,
-21.6860, -3.4620

■ 105.5570,
-44.2890, -6.8250

■ 131.1170,
-13.5710, -1.8510

■ 99.0230, -51.5330,
-7.7010

■ 137.6510, -6.3270,
-0.9750

■ 93.0760, -59.0520,
-9.1000

■ 144.1850, 0.9170,
-0.0990

■ 86.2430, -66.8920,
-10.1880

■ 150.1320, 8.4360,
1.3000

■ 79.7090, -74.1360,
-11.0640


■ 156.9650, 16.2760,
2.3880

■ 79.1110, -75.3280,
-11.4880

■ 162.9120, 23.7950,
3.7870

■ 169.4460, 31.0390,

4.6630

 176.2790, 38.8790,
5.7510

Harmonies

Analogous

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



117.5450, -26.8200, -9.5400



118.3370, -28.9300, -4.3380



121.1470, -22.2830, 1.8530

Triad

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



118.3370, -28.9300, -4.3380



125.4630, 15.1740, 11.3500



121.5090, 8.3920, -8.9200

Complementary

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



118.3370, -28.9300, -4.3380



112.6630, 28.9300, 4.3380

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.



122.6460, 18.4320, -3.6480



118.3370, -28.9300, -4.3380



125.1770, 21.7310, 8.1550

Square

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



118.3370, -28.9300, -4.3380



125.4170, 3.6200, 11.4920



124.0860, 23.2450, 2.7410



119.6970, -3.9410, -11.1810

Rectangle

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



118.3370, -28.9300, -4.3380



123.0880, -14.6270, 6.2770



124.0860, 23.2450, 2.7410



121.7160, 12.2430, -7.1250

Sweetspot

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



118.3370, -28.9300, -4.3380



175.9000, -11.4620, -1.5260



121.8810, -19.6190, -24.4110



88.3520, -6.9230, -1.1870



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.3370, -28.9300, -4.3380



147.6710, -44.6100, -6.5140



102.4880, -21.5050, 9.7830



68.3200, -3.8970, -0.9610



74.6770, -71.1100, -10.8380



4.4340, -4.2180, -0.6500

Inverse Universe

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



109.1190, 19.6190, 24.4110



133.5970, 30.4370, 37.6130



128.5120, 21.5050, -9.7830



66.7770, 2.2460, 3.3500



51.8790, 48.0390, 60.0310



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 118.3370, -28.9300, -4.3380 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 118.3370, -28.9300, -4.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

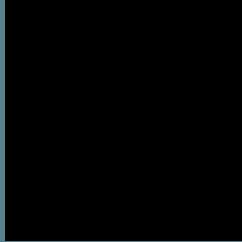
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3370, -28.9300, -4.3380

Background



This preview shows how black text looks on a background with the YIQ color 118.3370, -28.9300, -4.3380.



This preview shows how white text looks on a background with the YIQ color 118.3370, -28.9300, -4.3380.

-4.3380.

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

118.3370, -28.9300, -4.3380

Protanopia

123.2260, -6.3280, 4.5520

Deuteranopia

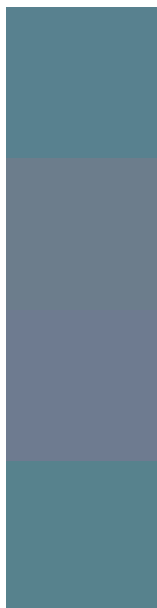
123.7470, -6.2370, 8.4110



Tritanopia

118.2830, -28.8380, -6.0060

Trichromacy



Original Color

118.3370, -28.9300, -4.3380

Protanomaly

121.6270, -14.9470, 1.0610

Deuteranomaly

121.5070, -14.4890, 3.7750

Tritanomaly

118.3970, -29.1590, -5.6950

Monochromacy



Original Color

118.3370, -28.9300, -4.3380

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0850, -10.5450, -1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3370, -28.9300, -4.3380 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(88, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(88, 129, 143)  
}
```

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(88, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 129, 143) }
```

Border

The CSS property to change the border of an element to YIQ 118.3370, -28.9300, -4.3380 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(88, 129, 143) }
```


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

```
.border{ border-color:rgb(88, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(88, 129,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3370, -28.9300, -4.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 129, 143) }
```

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

```
.background{ background-color: rgb(88, 129,  
143) }
```

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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