

Converting Colors

YIQ(107.5880, -28.3790,
-8.8190)

Have a look what the booklet for
YIQ(107.5880, -28.3790, -8.8190)
contains.

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Color

**YIQ(107.5880, -28.3790,
-8.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	4B797C
RGB	75, 121, 124
RGB Percent	29%, 47%, 49%
CMY	0.7060, 0.5254, 0.5138
CMYK	0.40, 0.02, 0.00, 0.51
HSL	184°, 25%, 39%
HSV	184°, 40%, 49%
XYZ	13.3755, 16.6287, 21.5638
YIQ	107.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

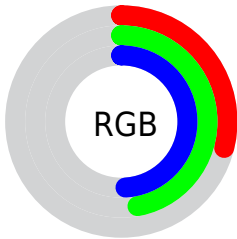
Format	Color
RYB	75, 99, 124
Decimal	4946300
CIELab	47.79, -14.88, -6.60
CIELCh	48, 16.277, 203.913
Yxy	16.6287, 0.2594, 0.3225
Android (android.graphics.Color)	4283136380 (0xFF4B797C)
YUV	107.5880, 8.0911, -28.5797
Hunter-Lab	40.7783, -12.8132, -2.8080

Details

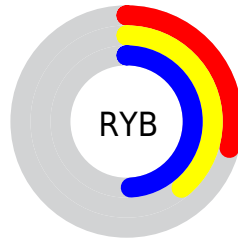
The YIQ color **107.5880, -28.3790, -8.8190** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91.4120, 28.3790, 8.8190**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2890, -28.9750, -9.0310**, and **57.9900, -29.5710, -9.2430** is the 20% darker color. If you saturate the color by 10%, you get **103.4130, -35.2560, -10.8400**, and if you desaturate by 10%, it is **111.7630, -21.5020, -6.7980**.

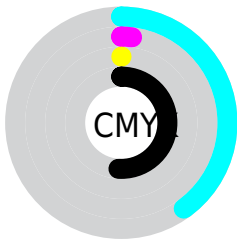
Distribution



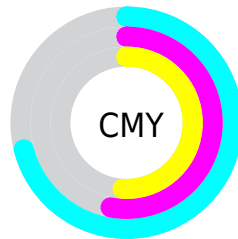
- Red (29%)
- Green (47%)
- Blue (49%)



- Red (29%)
- Yellow (39%)
- Blue (49%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.5880, -28.3790, -8.8190 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 107.5880, -28.3790, -8.8190 by changing the saturation by 10% instead.

■ 107.5880,
-28.3790, -8.8190

■ 107.5880,
-28.3790, -8.8190

■ 255.0000, -0.0000,
-0.0000

■ 82.5880, -28.3790,
-8.8190

■ 159.2890,
-28.9750, -9.0310

■ 57.9900, -29.5710,
-9.2430

■ 186.9900,
-29.5710, -9.2430

■ 35.3920, -30.7630,
-9.6670

■ 214.6910,
-30.1670, -9.4550

■ 20.5570, -17.9260,
-5.5260

■ 240.9470,
-28.0120, -9.9640

■ 0.7980, -2.2470,
2.1770

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 107.5880,
-28.3790, -8.8190

■ 107.5880,
-28.3790, -8.8190

■ 103.4130,
-35.2560, -10.8400

■ 111.7630,
-21.5020, -6.7980

■ 99.5260, -43.0040,
-13.5960

■ 116.2370,
-14.0290, -4.5650

■ 95.3510, -49.8810,
-15.6170

■ 119.8250, -6.8770,
-2.0210

■ 90.8770, -57.3540,
-17.8500

■ 124.2990, 0.5960,
0.2120

■ 86.7020, -64.2310,
-19.8710

■ 128.4740, 7.4730,
2.2330

■ 83.1140, -71.3830,
-22.4150

■ 132.0620, 14.6250,
4.7770

■ 82.8150, -71.9790,
-22.6270

■ 136.5360, 22.0980,
7.0100

■ 140.7110, 28.9750,

9.0310

■ 145.1850, 36.4480,
11.2640

Harmonies

Analogous

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



108.0850, -19.7130, -11.6890



107.5880, -28.3790, -8.8190



108.8640, -28.9760, -3.5040

Triad

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



107.5880, -28.3790, -8.8190



115.3140, 5.4080, 12.1280



113.2220, 16.6900, -5.1180

Complementary

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



107.5880, -28.3790, -8.8190



91.4120, 28.3790, 8.8190

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.



114.2600, 22.6950, 1.6950



107.5880, -28.3790, -8.8190



115.9470, 16.6870, 11.4630

Square

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



107.5880, -28.3790, -8.8190



114.3770, -8.0710, 8.6090



115.2480, 22.9690, 7.7450



111.6120, 6.6040, -9.5560

Rectangle

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



107.5880, -28.3790, -8.8190



110.8370, -24.3460, 0.6940



115.2480, 22.9690, 7.7450



113.6570, 19.8990, -2.7010

Sweetspot

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



107.5880, -28.3790, -8.8190



153.8460, -11.3700, -3.1940



103.9910, -14.1170, -25.0050



77.8250, -6.8770, -2.0210



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



107.5880, -28.3790, -8.8190



135.3410, -43.9210, -13.4970



93.5000, -21.7790, 3.7330



59.2060, -3.5760, -1.2720



82.9290, -72.3000, -22.3160



167.8470, -146.0670, -45.5790

Inverse Universe

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



94.8950, 14.4380, 24.6940



115.8180, 22.5050, 38.1930



105.5000, 21.7790, -3.7330



57.4780, 1.6500, 3.1380



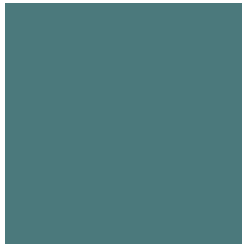
50.7130, 36.9430, 62.8870



102.3660, 74.1150, 127.1310

Previews

White Background



This preview shows how the YIQ color 107.5880, -28.3790, -8.8190 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 × Fail

Black Background



This preview shows how the YIQ color 107.5880, -28.3790, -8.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

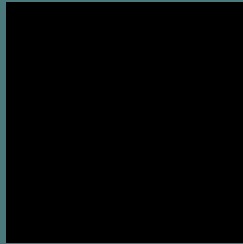
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.5880, -28.3790, -8.8190

Background



This preview shows how black text looks on a background with the YIQ color 107.5880, -28.3790, -8.8190.



This preview shows how white text looks on a background with the YIQ color 107.5880, -28.3790, -8.8190.

-8.8190.

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

107.5880, -28.3790, -8.8190

Protanopia

113.0970, -1.6510, 2.3890

Deuteranopia

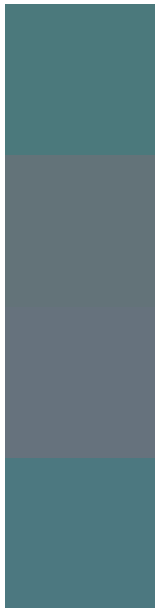
114.2160, -0.3680, 6.6720



Tritanopia

108.2830, -28.8380, -6.0060

Trichromacy



Original Color

107.5880, -28.3790, -8.8190

Protanomaly

110.9000, -11.4620, -1.5260

Deuteranomaly

111.6660, -10.6830, 0.8770

Tritanomaly

107.7560, -28.7920, -6.8400

Monochromacy



Original Color

107.5880, -28.3790, -8.8190

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5880, -28.3790, -8.8190 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, 121, 124)` looks like.

```
.text, #text, p{  
    color:rgb(75, 121, 124)  
}
```

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, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 121, 124) }
```

Border

The CSS property to change the border of an element to YIQ 107.5880, -28.3790, -8.8190 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, 121, 124) }
```


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

```
.border{ border-color:rgb(75, 121, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 121, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(75, 121,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5880, -28.3790, -8.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 121, 124) }
```

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

```
.background{ background-color: rgb(75, 121,  
124) }
```

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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