

Converting Colors

YIQ(128.4980, -10.2700,
-1.1020)

Have a look what the booklet for
YIQ(128.4980, -10.2700, -1.1020)
contains.

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Color

**YIQ(128.4980, -10.2700,
-1.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	76848A
RGB	118, 132, 138
RGB Percent	46%, 52%, 54%
CMY	0.5373, 0.4823, 0.4589
CMYK	0.14, 0.04, 0.00, 0.46
HSL	198°, 8%, 50%
HSV	198°, 14%, 54%
XYZ	20.3089, 22.1898, 27.2530
YIQ	128.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

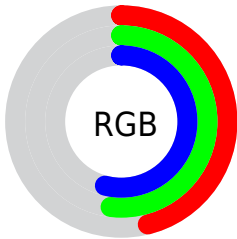
Format	Color
R_{YB}	118, 126, 138
Decimal	7767178
CIE _{Lab}	54.23, -3.79, -4.96
CIE _{LCh}	54, 6.241, 232.629
Yxy	22.1898, 0.2912, 0.3181
Android (android.graphics.Color)	4285957258 (0xFF76848A)
YUV	128.4980, 4.6845, -9.2067
Hunter-Lab	47.1060, -5.4788, -1.3278

Details

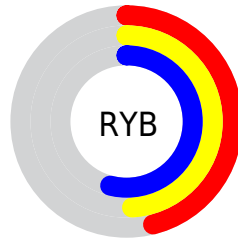
The YIQ color $128.4980, -10.2700, -1.1020$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $127.5020, 10.2700, 1.1020$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.1990, -10.8660, -1.3140$, and $79.3840, -9.9490, -1.4130$ is the 20% darker color. If you saturate the color by 10%, you get $121.9640, -17.5140, -1.9780$, and if you desaturate by 10%, it is $135.0320, -3.0260, -0.2260$.

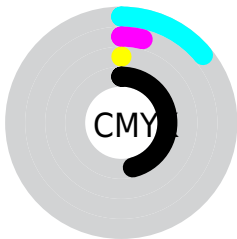
Distribution



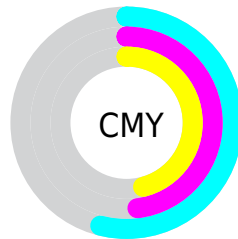
- Red (46%)
- Green (52%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4980, -10.2700, -1.1020 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 128.4980, -10.2700, -1.1020 by changing the saturation by 10% instead.

■ 128.4980,
-10.2700, -1.1020

■ 128.4980,
-10.2700, -1.1020

■ 255.0000, -0.0000,
-0.0000

■ 103.4980,
-10.2700, -1.1020

■ 181.1990,
-10.8660, -1.3140

■ 79.3840, -9.9490,
-1.4130

■ 209.1990,
-10.8660, -1.3140

■ 56.6830, -9.3530,
-1.2010

■ 237.3130,
-11.1870, -1.0030

■ 34.9820, -8.7570,
-0.9890

■ 254.7010, -0.5960,
-0.2120

■ 12.6010, -12.0580,
-1.7380

■ 0.0000, 0.0000,
0.0000

■ 128.4980,
-10.2700, -1.1020

■ 128.4980,
-10.2700, -1.1020

■ 121.9640,
-17.5140, -1.9780

■ 135.0320, -3.0260,
-0.2260

■ 115.4300,
-24.7580, -2.8540

■ 141.5660, 4.2180,
0.6500

■ 109.1950,
-31.4060, -3.5180

■ 147.8010, 10.8660,
1.3140

■ 102.6610,
-38.6500, -4.3940

■ 154.9220, 17.8350,
1.6670

■ 95.5400, -45.6190,
-4.7470

■ 161.4560, 25.0790,
2.5430

■ 89.0060, -52.8630,
-5.6230

■ 167.9900, 32.3230,
3.4190

■ 82.4720, -60.1070,
-6.4990

■ 174.5240, 39.5670,
4.2950

■ 76.2370, -66.7550,

■ 180.7590, 46.2150,

-7.1630

4.9590

■ 72.6710, -70.9730,
-7.8130

■ 187.2930, 53.4590,
5.8350

Harmonies

Analogous

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



128.3300, -9.8570, -3.0810



128.4980, -10.2700, -1.1020



129.6340, -7.6570, 1.1030

Triad

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



128.4980, -10.2700, -1.1020



130.7560, 6.7390, 4.5230



129.4470, 2.9350, -3.6330

Complementary

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



128.4980, -10.2700, -1.1020



127.5020, 10.2700, 1.1020

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.



129.9530, 7.3820, -1.6260



128.4980, -10.2700, -1.1020



130.7840, 9.5360, 3.3920

Square

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



128.4980, -10.2700, -1.1020



130.7170, 2.4750, 4.7070



130.2030, 9.6740, 0.8900



128.2830, -2.4750, -4.7070

Rectangle

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



128.4980, -10.2700, -1.1020



129.6560, -4.7230, 2.9970



130.2030, 9.6740, 0.8900



129.3440, 4.7230, -2.9970

Sweetspot

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



128.4980, -10.2700, -1.1020



174.8470, -3.9430, -0.1270



130.4240, -7.4260, -8.5940



87.2170, -2.1090, -0.3250



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



128.4980, -10.2700, -1.1020



163.8610, -15.7260, -1.3420



122.6280, -7.5200, 4.1280



65.7330, -3.6220, -0.4380



69.7530, -68.2680, -7.2760



2.9180, -2.7050, -0.5370

Inverse Universe

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



125.5760, 7.4260, 8.5940



159.6630, 11.7350, 13.1030



133.3720, 7.5200, -4.1280



64.6630, 2.5670, 3.0390



50.3690, 49.4150, 57.1190



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 128.4980, -10.2700, -1.1020 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 128.4980, -10.2700, -1.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

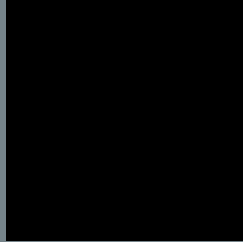
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

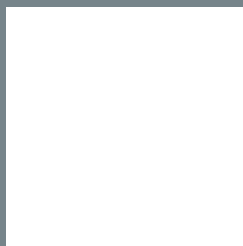
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.4980, -10.2700, -1.1020

Background



This preview shows how black text looks on a background with the YIQ color 128.4980, -10.2700, -1.1020.



This preview shows how white text looks on a background with the YIQ color 128.4980, -10.2700, -1.1020.

-1.1020.

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

128.4980, -10.2700, -1.1020

Protanopia

130.0970, -1.6510, 2.3890

Deuteranopia

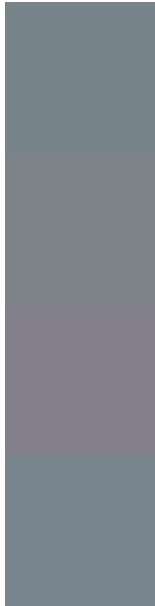
131.0700, 2.9790, 6.5870



Tritanopia

128.6660, -10.6830, 0.8770

Trichromacy



Original Color

128.4980, -10.2700, -1.1020

Protanomaly

129.6020, -4.6310, 1.3290

Deuteranomaly

130.1510, -1.7430, 4.0570

Tritanomaly

128.5520, -10.3620, 0.5660

Monochromacy



Original Color

128.4980, -10.2700, -1.1020

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4980, -10.2700, -1.1020 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(118, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 132, 138)  
}
```

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(118, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 132, 138) }
```

Border

The CSS property to change the border of an element to YIQ 128.4980, -10.2700, -1.1020 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(118, 132, 138) }
```


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

```
.border{ border-color:rgb(118, 132, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(118, 132,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4980, -10.2700, -1.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 132, 138) }
```

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

```
.background{ background-color: rgb(118,  
132, 138) }
```

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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