

Converting Colors

YIQ(126.8290, -21.8680,
-11.1800)

Have a look what the booklet for
YIQ(126.8290, -21.8680, -11.1800)
contains.

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Color

**YIQ(126.8290, -21.8680,
-11.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	638C84
RGB	99, 140, 132
RGB Percent	39%, 55%, 52%
CMY	0.6119, 0.4509, 0.4824
CMYK	0.29, 0.00, 0.06, 0.45
HSL	168°, 17%, 47%
HSV	168°, 29%, 55%
XYZ	18.6868, 23.0778, 25.2920
YIQ	126.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

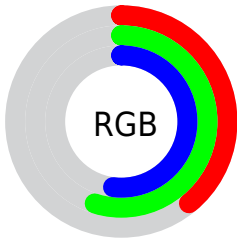
Format	Color
R_{YB}	99, 122, 140
Decimal	6524036
CIE _{Lab}	55.15, -15.95, -0.27
CIE _{LCh}	55, 15.955, 180.958
Yxy	23.0778, 0.2787, 0.3442
Android (android.graphics.Color)	4284714116 (0xFF638C84)
YUV	126.8290, 2.5493, -24.4060
Hunter-Lab	48.0393, -14.6342, 2.4122

Details

The YIQ color **126.8290, -21.8680, -11.1800** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.1710, 21.8680, 11.1800**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1170, -22.7390, -11.9150**, and **77.2420, -21.5930, -10.6570** is the 20% darker color. If you saturate the color by 10%, you get **122.3010, -29.2490, -15.0810**, and if you desaturate by 10%, it is **131.3570, -14.4870, -7.2790**.

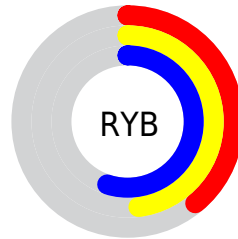
Distribution



Red (39%)

Green (55%)

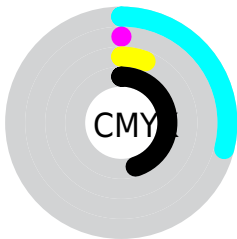
Blue (52%)



Red (39%)

Yellow (48%)

Blue (55%)

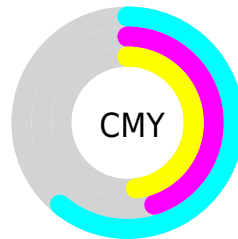


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8290, -21.8680, -11.1800 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 126.8290, -21.8680, -11.1800 by changing the saturation by 10% instead.

■ 126.8290,
-21.8680, -11.1800

■ 126.8290,
-21.8680, -11.1800

■ 255.0000, -0.0000,
-0.0000

■ 101.2420,
-21.5930, -10.6570

■ 180.1170,
-22.7390, -11.9150

■ 77.2420, -21.5930,
-10.6570

■ 207.8180,
-23.3350, -12.1270

■ 53.3560, -21.9140,
-10.3460

■ 235.8180,
-23.3350, -12.1270

■ 30.4590, -23.7020,
-10.9820

■ 248.7210,
-12.5160, -4.4520

■ 16.6130, -12.3320,
-7.7880

■ 0.0000, 0.0000,
0.0000

■ 126.8290,
-21.8680, -11.1800

■ 126.8290,
-21.8680, -11.1800

■ 122.3010,
-29.2490, -15.0810

■ 131.3570,
-14.4870, -7.2790

■ 117.7730,
-36.6300, -18.9820

■ 135.7710, -6.7850,
-3.6890

■ 113.3590,
-44.3320, -22.5720

■ 140.2990, 0.5960,
0.2120

■ 108.8310,
-51.7130, -26.4730

■ 144.8270, 7.9770,
4.1130

■ 104.3030,
-59.0940, -30.3740

■ 149.3550, 15.3580,
8.0140

■ 99.8890, -66.7960,
-33.9640

■ 153.7690, 23.0600,
11.6040

■ 95.3610, -74.1770,
-37.8650

■ 158.2970, 30.4410,
15.5050

■ 95.0620, -74.7730,

■ 162.8250, 37.8220,

-38.0770

19.4060

■ 167.3530, 45.2030,
23.3070

Harmonies

Analogous

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



128.2340, -9.9470, -12.4670



126.8290, -21.8680, -11.1800



126.9300, -29.3420, -7.8860

Triad

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



126.8290, -21.8680, -11.1800



133.2850, -4.8160, 10.1920



132.9070, 22.1910, -0.1850

Complementary

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



126.8290, -21.8680, -11.1800



112.1710, 21.8680, 11.1800

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.



133.4930, 23.6570, 6.2890



126.8290, -21.8680, -11.1800



134.2820, 8.4340, 12.3540

Square

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



126.8290, -21.8680, -11.1800



131.1800, -17.8820, 4.6940



134.2030, 18.8420, 10.9540



131.3250, 14.9020, -5.7540

Rectangle

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



126.8290, -21.8680, -11.1800



127.7500, -28.6550, -3.8150



134.2030, 18.8420, 10.9540



132.9720, 23.5660, 2.4300

Sweetspot

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



126.8290, -21.8680, -11.1800



175.8740, -8.5730, -4.3250



125.4590, -6.5070, -19.7470



88.7820, -5.3180, -2.7420



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



126.8290, -21.8680, -11.1800



160.7950, -33.6960, -17.0880



120.6970, -21.1360, -2.4160



66.7930, -3.8510, -1.7950



90.2690, -70.9220, -36.2820



3.3910, -2.6590, -1.3710

Inverse Universe

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



112.1710, 21.8680, 11.1800



138.2050, 33.6960, 17.0880



118.3030, 21.1360, 2.4160



64.2070, 3.8510, 1.7950



42.7310, 70.9220, 36.2820



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 126.8290, -21.8680, -11.1800 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 126.8290, -21.8680, -11.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

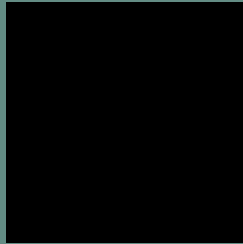
Any Text WCAG AA ✓ Pass

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 126.8290, -21.8680, -11.1800 Background



This preview shows how black text looks on a background with the YIQ color 126.8290, -21.8680, -11.1800.



This preview shows how white text looks on a background with the YIQ color 126.8290, -21.8680, -11.1800.

-11.1800.

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

126.8290, -21.8680, -11.1800

Protanopia

131.7400, 3.6680, -0.3960

Deuteranopia

133.2830, 6.6930, 5.3570



Tritanopia

128.7890, -24.3910, -3.9990

Trichromacy



Original Color

126.8290, -21.8680, -11.1800

Protanomaly

129.8420, -5.5470, -4.0990

Deuteranomaly

130.7330, -3.6220, -0.4380

Tritanomaly

128.3930, -23.3360, -6.6000

Monochromacy



Original Color

126.8290, -21.8680, -11.1800

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1730, -7.9770, -4.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8290, -21.8680, -11.1800 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(99, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(99, 140, 132)  
}
```

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(99, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 140, 132) }
```

Border

The CSS property to change the border of an element to YIQ 126.8290, -21.8680, -11.1800 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(99, 140, 132) }
```


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

```
.border{ border-color:rgb(99, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(99, 140,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8290, -21.8680, -11.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 140, 132) }
```

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

```
.background{ background-color: rgb(99, 140,  
132) }
```

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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