

Converting Colors

YIQ(138.6720, -19.9880,
-12.2120)

Have a look what the booklet for
YIQ(138.6720, -19.9880, -12.2120)
contains.

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Color

**YIQ(138.6720, -19.9880,
-12.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	70988C
RGB	112, 152, 140
RGB Percent	44%, 60%, 55%
CMY	0.5609, 0.4038, 0.4510
CMYK	0.26, 0.00, 0.08, 0.40
HSL	162°, 16%, 52%
HSV	162°, 26%, 60%
XYZ	22.6420, 27.7979, 28.9762
YIQ	138.6720, -19.9880, -12.2120

Conversions

Conversions Part 2

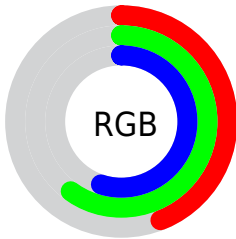
Format	Color
RYB	112, 136, 152
Decimal	7379084
CIELab	59.71, -16.36, 1.88
CIElCh	60, 16.473, 173.437
Yxy	27.7979, 0.2851, 0.3500
Android (android.graphics.Color)	4285569164 (0xFF70988C)
YUV	138.6720, 0.6547, -23.3913
Hunter-Lab	52.7237, -15.6102, 4.3216

Details

The YIQ color $138.6720, -19.9880, -12.2120$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $125.3280, 19.9880, 12.2120$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.2590, -20.2630, -12.7350$, and $88.3840, -19.1170, -11.4770$ is the 20% darker color. If you saturate the color by 10%, you get $133.6170, -27.3230, -16.9470$, and if you desaturate by 10%, it is $143.7270, -12.6530, -7.4770$.

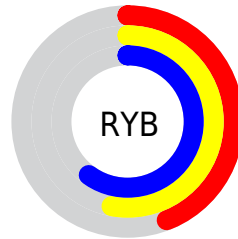
Distribution



Red (44%)

Green (60%)

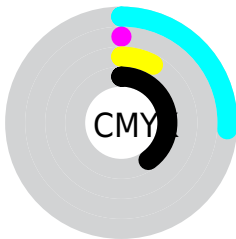
Blue (55%)



Red (44%)

Yellow (53%)

Blue (60%)

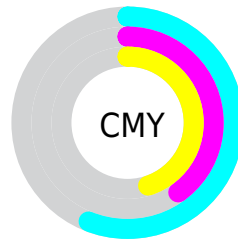


Cyan (26%)

Magenta (0%)

Yellow (8%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.6720, -19.9880, -12.2120 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 138.6720, -19.9880, -12.2120 by changing the saturation by 10% instead.

■ 138.6720,
-19.9880, -12.2120

■ 138.6720,
-19.9880, -12.2120

■ 255.0000, -0.0000,
-0.0000

■ 113.0850,
-19.7130, -11.6890

■ 192.2590,
-20.2630, -12.7350

■ 88.3840, -19.1170,
-11.4770

■ 220.5470,
-21.1340, -13.4700

■ 64.4980, -19.4380,
-11.1660

■ 243.9650,
-19.2550, -8.9750

■ 41.3130, -20.3550,
-11.0670

■ 253.2060, -3.5760,
-1.2720

■ 21.5200, -16.5040,
-9.2720

■ 0.0000, 0.0000,
0.0000

■ 138.6720,
-19.9880, -12.2120

■ 138.6720,
-19.9880, -12.2120

■ 133.6170,
-27.3230, -16.9470

■ 143.7270,
-12.6530, -7.4770

■ 128.6760,
-34.9790, -21.3710

■ 148.6680, -4.9970,
-3.0530

■ 123.3220,
-42.9100, -26.3180

■ 154.0220, 2.9340,
1.8940

■ 118.3810,
-50.5660, -30.7420

■ 158.9630, 10.5900,
6.3180

■ 113.3260,
-57.9010, -35.4770

■ 164.0180, 17.9250,
11.0530

■ 108.3850,
-65.5570, -39.9010

■ 168.9590, 25.5810,
15.4770

■ 103.3300,
-72.8920, -44.6360


■ 174.0140, 32.9160,
20.2120

■ 101.3080,

■ 179.3680, 40.8470,

-75.8260, -46.5300

25.1590

 184.3090, 48.5030,
29.5830

Harmonies

Analogous

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



140.0880, -6.6000, -12.5520



138.6720, -19.9880, -12.2120



138.2890, -28.9750, -9.0310

Triad

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



138.6720, -19.9880, -12.2120



144.6050, -8.7130, 9.2310



144.7440, 24.2080, 1.8080

Complementary

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



138.6720, -19.9880, -12.2120



125.3280, 19.9880, 12.2120

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.



145.8460, 24.1610, 8.1690



138.6720, -19.9880, -12.2120



146.6130, 6.0040, 12.3400

Square

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



138.6720, -19.9880, -12.2120



142.0870, -22.0540, 3.2100



146.6590, 17.5580, 12.1980



143.7060, 18.2030, -5.0050

Rectangle

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



138.6720, -19.9880, -12.2120



138.9130, -30.6720, -5.8080



146.6590, 17.5580, 12.1980



145.5100, 24.9870, 4.2110

Sweetspot

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



138.6720, -19.9880, -12.2120



193.6460, -7.9310, -4.9470



139.3670, -3.2520, -18.1640



95.9670, -4.4010, -2.8410



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



138.6720, -19.9880, -12.2120



177.6980, -32.0450, -19.4770



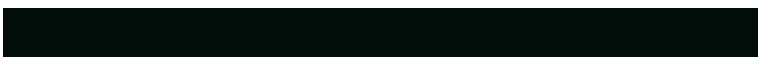
135.9310, -21.9150, -4.8190



74.2660, -3.8050, -2.6290



93.3520, -69.9580, -42.7420



8.6570, -6.4640, -4.0000

Inverse Universe

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



125.3280, 19.9880, 12.2120



156.3020, 32.0450, 19.4770



128.0690, 21.9150, 4.8190



71.6200, 4.1260, 2.3180



46.6480, 69.9580, 42.7420



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 138.6720, -19.9880, -12.2120 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 138.6720, -19.9880, -12.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

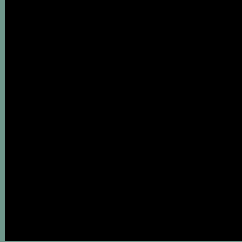
Any Text WCAG AA ✓ Pass

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 138.6720, -19.9880, -12.2120 Background



This preview shows how black text looks on a background with the YIQ color 138.6720, -19.9880, -12.2120.

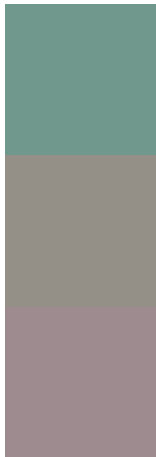


This preview shows how white text looks on a background with the YIQ color 138.6720, -19.9880, -12.2120.

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

138.6720, -19.9880, -12.2120

Protanopia

143.5830, 5.5480, -1.4280

Deuteranopia

144.8380, 9.4440, 5.0600



Tritanopia

140.5010, -23.5200, -3.2640

Trichromacy



Original Color

138.6720, -19.9880, -12.2120

Protanomaly

141.6850, -3.6670, -5.1310

Deuteranomaly

142.8750, -1.1460, -1.2580

Tritanomaly

139.8770, -21.8230, -6.4870

Monochromacy



Original Color

138.6720, -19.9880, -12.2120

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9450, -7.3350, -4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6720, -19.9880, -12.2120 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(112, 152, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 140)  
}
```

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(112, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 140) }
```

Border

The CSS property to change the border of an element to YIQ 138.6720, -19.9880, -12.2120 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

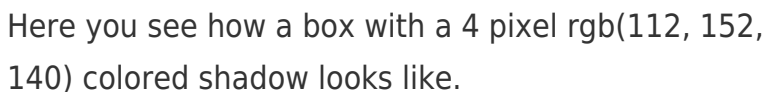
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 152, 140) }
```


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

```
.border{ border-color:rgb(112, 152, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 152, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 152, 140); box-shadow:4px 4px 4px 4px rgb(112, 152, 140) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6720, -19.9880, -12.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 140) }
```

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

```
.background{ background-color: rgb(112,  
152, 140) }
```

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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