

Converting Colors

YIQ(126.6910, -12.9720,
-18.2200)

Have a look what the booklet for
YIQ(126.6910, -12.9720, -18.2200)
contains.

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Color

**YIQ(126.6910, -12.9720,
-18.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	678E6E
RGB	103, 142, 110
RGB Percent	40%, 56%, 43%
CMY	0.5962, 0.4431, 0.5686
CMYK	0.27, 0.00, 0.23, 0.44
HSL	131°, 16%, 48%
HSV	131°, 27%, 56%
XYZ	18.0798, 23.3584, 18.3056
YIQ	126.6910, -12.9720, -18.2200

Conversions

Conversions Part 2

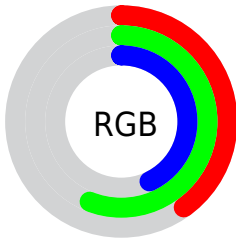
Format	Color
RYB	103, 136, 142
Decimal	6786670
CIELab	55.44, -20.37, 12.79
CIELCh	55, 24.055, 147.885
Yxy	23.3584, 0.3026, 0.3910
Android (android.graphics.Color)	4284976750 (0xFF678E6E)
YUV	126.6910, -8.2287, -20.7770
Hunter-Lab	48.3305, -17.8040, 11.3747

Details

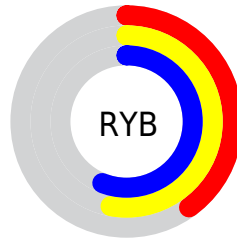
The YIQ color **126.6910, -12.9720, -18.2200** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118.3090, 12.9720, 18.2200**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.8650, -13.5220, -19.2660**, and **77.2180, -13.0180, -17.3860** is the 20% darker color. If you saturate the color by 10%, you get **121.1370, -17.4640, -24.9200**, and if you desaturate by 10%, it is **132.2450, -8.4800, -11.5200**.

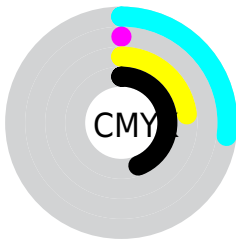
Distribution



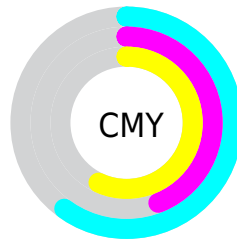
- Red (40%)
- Green (56%)
- Blue (43%)



- Red (40%)
- Yellow (53%)
- Blue (56%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6910, -12.9720, -18.2200 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 126.6910, -12.9720, -18.2200 by changing the saturation by 10% instead.

■ 126.6910,
-12.9720, -18.2200

■ 126.6910,
-12.9720, -18.2200

■ 255.0000, -0.0000,
-0.0000

■ 101.2180,
-13.0180, -17.3860

■ 179.8650,
-13.5220, -19.2660

■ 77.2180, -13.0180,
-17.3860

■ 207.4520,
-13.7970, -19.7890

■ 53.7450, -13.0640,
-16.5520

■ 236.0390,
-14.0720, -20.3120

■ 30.7880, -14.6230,
-15.8310

■ 248.7770, -6.9220,
-6.7140

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 126.6910,
-12.9720, -18.2200

■ 126.6910,
-12.9720, -18.2200

■ 121.1370,
-17.4640, -24.9200

■ 132.2450, -8.4800,
-11.5200

■ 115.6970,
-22.2770, -31.3090

■ 137.6850, -3.6670,
-5.1310

■ 109.8440,
-27.3650, -38.2210

■ 143.5380, 1.4210,
1.7810

■ 104.2900,
-31.8570, -44.9210

■ 149.0920, 5.9130,
8.4810

■ 98.8500, -36.6700,
-51.3100

■ 154.5320, 10.7260,
14.8700

■ 93.2960, -41.1620,
-58.0100

■ 160.0860, 15.2180,
21.5700

■ 87.7420, -45.6540,
-64.7100

■ 165.6400, 19.7100,
28.2700

■ 86.3180, -47.3960,

■ 171.3790, 25.1190,

-66.1800

34.8710

 176.9330, 29.6110,
41.5710

Harmonies

Analogous

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



129.2220, 7.5220, -15.1820



126.6910, -12.9720, -18.2200



123.3820, -33.9710, -17.6110

Triad

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



126.6910, -12.9720, -18.2200



130.1770, -30.9950, 5.5570



134.8750, 34.3850, 10.1050

Complementary

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



126.6910, -12.9720, -18.2200



118.3090, 12.9720, 18.2200

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.



135.4970, 27.0020, 17.2580



126.6910, -12.9720, -18.2200



134.5820, -9.9060, 14.3340

Square

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



126.6910, -12.9720, -18.2200



124.8280, -46.4900, -5.4820



135.9390, 11.1380, 18.4180



133.5940, 33.3780, 0.8180

Rectangle

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



126.6910, -12.9720, -18.2200



121.9880, -44.4250, -15.3770



135.9390, 11.1380, 18.4180



135.3850, 33.0090, 13.0170

Sweetspot

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



126.6910, -12.9720, -18.2200



178.1470, -5.0880, -6.9120



135.7600, 8.9430, -13.4010



88.3970, -2.7960, -4.3960



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.



126.6910, -12.9720, -18.2200



160.0610, -20.3060, -28.4820



128.8570, -19.0710, -12.3110



68.3370, -2.5670, -3.0390



81.9810, -44.8290, -63.1410



4.8100, -2.5210, -3.8730

Inverse Universe

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



118.3090, 12.9720, 18.2200



146.9390, 20.3060, 28.4820



116.1430, 19.0710, 12.3110



66.7770, 2.2460, 3.3500



53.0190, 44.8290, 63.1410



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 126.6910, -12.9720, -18.2200 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 126.6910, -12.9720, -18.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

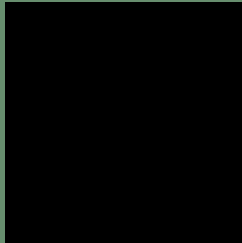
Any Text WCAG AA ✓ Pass

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 126.6910, -12.9720, -18.2200 Background



This preview shows how black text looks on a background with the YIQ color 126.6910, -12.9720, -18.2200.



This preview shows how white text looks on a background with the YIQ color 126.6910, -12.9720, -18.2200.

-18.2200.

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

126.6910, -12.9720, -18.2200

Protanopia

131.6130, 14.0310, -6.4890

Deuteranopia

132.8790, 19.3940, 0.9460



Tritanopia

130.1810, -19.6230, -2.3030

Trichromacy



Original Color

126.6910, -12.9720, -18.2200

Protanomaly

130.0030, 3.9450, -10.9270

Deuteranomaly

130.3180, 7.6120, -5.7960

Tritanomaly

128.8620, -17.4670, -8.3390

Monochromacy



Original Color

126.6910, -12.9720, -18.2200

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5600, -4.8130, -6.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6910, -12.9720, -18.2200 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(103, 142, 110)` looks like.

```
.text, #text, p{  
    color:rgb(103, 142, 110)  
}
```

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(103, 142, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 142, 110) }
```

Border

The CSS property to change the border of an element to YIQ 126.6910, -12.9720, -18.2200 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(103, 142, 110) }
```


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

```
.border{ border-color:rgb(103, 142, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 142, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 142, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 142, 110);  
box-shadow:4px 4px 4px 4px rgb(103, 142,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6910, -12.9720, -18.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 142, 110) }
```

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

```
.background{ background-color: rgb(103,  
142, 110) }
```

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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