

Converting Colors

YIQ(126.8980, 8.0740, -25.1900)

Have a look what the booklet for
YIQ(126.8980, 8.0740, -25.1900)
contains.

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Color

**YIQ(126.8980, 8.0740,
-25.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	778D4B
RGB	119, 141, 75
RGB Percent	47%, 55%, 29%
CMY	0.5334, 0.4470, 0.7058
CMYK	0.16, 0.00, 0.47, 0.45
HSL	80°, 31%, 42%
HSV	80°, 47%, 55%
XYZ	18.4014, 23.4810, 10.2228
YIQ	126.8980, 8.0740, -25.1900

Conversions

Conversions Part 2

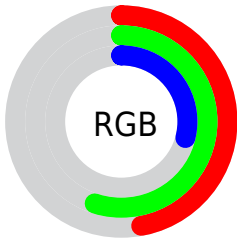
Format	Color
RYB	75, 141, 97
Decimal	7834955
CIELab	55.56, -19.22, 32.49
CIELCh	56, 37.744, 120.605
Yxy	23.4810, 0.3532, 0.4506
Android (android.graphics.Color)	4286025035 (0xFF778D4B)
YUV	126.8980, -25.5857, -6.9265
Hunter-Lab	48.4572, -17.0154, 21.4118

Details

The YIQ color **126.8980, 8.0740, -25.1900** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **89.1020, -8.0740, 25.1900**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1430, 8.7620, -26.6460**, and **77.2400, 7.1110, -24.2570** is the 20% darker color. If you saturate the color by 10%, you get **123.8070, 9.5880, -30.6040**, and if you desaturate by 10%, it is **129.9890, 6.5600, -19.7760**.

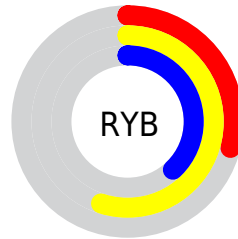
Distribution



Red (47%)

Green (55%)

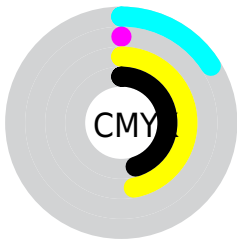
Blue (29%)



Red (29%)

Yellow (55%)

Blue (38%)

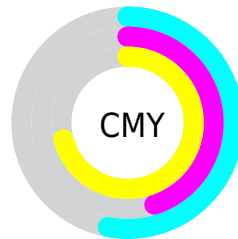


Cyan (16%)

Magenta (0%)

Yellow (47%)

Black (45%)



Cyan (53%)














Magenta (45%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8980, 8.0740, -25.1900 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 126.8980, 8.0740, -25.1900 by changing the saturation by 10% instead.

 126.8980, 8.0740, -25.1900	 126.8980, 8.0740, -25.1900
255.0000, -0.0000, -0.0000	 101.1260, 7.4320, -24.5680
 180.1430, 8.7620, -26.6460	 77.2400, 7.1110, -24.2570
 207.9150, 9.4040, -27.2680	 53.1260, 7.4320, -24.5680
 236.1000, 10.3210, -27.3670	 33.2920, 1.3330, -18.6590
 249.4140, 15.7290, -15.2390	 15.2620, -7.1500, -13.5980
 252.7200, 6.4200, -6.2200	 0.0000, 0.0000, 0.0000

■ 126.8980, 8.0740,
-25.1900

■ 126.8980, 8.0740,
-25.1900

■ 123.8070, 9.5880,
-30.6040

■ 129.9890, 6.5600,
-19.7760

■ 121.0150, 11.6980,
-35.8060

■ 132.7810, 4.4500,
-14.5740

■ 117.9240, 13.2120,
-41.2200

■ 135.8720, 2.9360,
-9.1600

■ 114.8330, 14.7260,
-46.6340

■ 138.9630, 1.4220,
-3.7460

■ 111.7420, 16.2400,
-52.0480

■ 142.1680, -0.4130,
1.9790

■ 110.8730, 17.2490,
-53.8150

■ 144.9600, -2.5230,
7.1810

■ 148.0510, -4.0370,
12.5950

■ 151.1420, -5.5510,

18.0090

■ 153.9340, -7.6610,
23.2110

Harmonies

Analogous

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



130.1680, 33.9770, -15.5510



126.8980, 8.0740, -25.1900



121.0110, -26.0370, -29.2450

Triad

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



126.8980, 8.0740, -25.1900



106.6610, -100.5440, -17.0560



135.2050, 42.8640, 27.1520

Complementary

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



126.8980, 8.0740, -25.1900



89.1020, -8.0740, 25.1900

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.



136.6940, 19.6180, 29.9380



126.8980, 8.0740, -25.1900



126.3240, -53.2780, 7.4100

Square

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



126.8980, 8.0740, -25.1900



106.2730, -93.9400, -26.6120



135.2970, -13.1170, 22.9710



134.2040, 52.6320, 15.3200

Rectangle

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



126.8980, 8.0740, -25.1900



113.2170, -55.9760, -31.8160



135.2970, -13.1170, 22.9710



135.8500, 36.6740, 29.2020

Sweetspot

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



126.8980, 8.0740, -25.1900



178.3450, 2.9820, -9.9940



107.6480, 33.2860, 2.4860



88.6810, 2.1560, -6.0360



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.



126.8980, 8.0740, -25.1900



161.7930, 12.2030, -39.4530



117.0310, -11.5940, -32.1860



69.6040, 1.0550, -2.6010



106.1550, 16.5150, -51.5250



6.1910, 0.7800, -3.1240

Inverse Universe

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



89.1020, -8.0740, 25.1900



102.9080, -12.7990, 39.2410



98.9690, 11.5940, 32.1860



65.6950, -0.4590, 2.8130



28.8450, -16.5150, 51.5250



1.8090, -0.7800, 3.1240

Previews

White Background



This preview shows how the YIQ color 126.8980, 8.0740, -25.1900 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 126.8980, 8.0740, -25.1900 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 126.8980, 8.0740, -25.1900

Background



This preview shows how black text looks on a background with the YIQ color 126.8980, 8.0740, -25.1900.



This preview shows how white text looks on a background with the YIQ color 126.8980, 8.0740,

-25.1900.

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

126.8980, 8.0740, -25.1900

Protanopia

129.9330, 27.3290, -16.2150

Deuteranopia

131.5800, 35.9930, -8.0310



Tritanopia

132.7590, -6.5110, 2.3610

Trichromacy



Original Color

126.8980, 8.0740, -25.1900

Protanomaly

128.8180, 20.2230, -19.5930

Deuteranomaly

129.9160, 25.9990, -14.1370

Tritanomaly

130.7730, -1.0990, -7.6190

Monochromacy



Original Color

126.8980, 8.0740, -25.1900

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8720, 2.9360, -9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8980, 8.0740, -25.1900 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(119, 141, 75)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 75)  
}
```

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(119, 141, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 75) }
```

Border

The CSS property to change the border of an element to YIQ 126.8980, 8.0740, -25.1900 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(119, 141, 75) }
```


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

```
.border{ border-color:rgb(119, 141, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 141, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 141, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 141, 75);  
box-shadow:4px 4px 4px 4px rgb(119, 141,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8980, 8.0740, -25.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 75) }
```

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

```
.background{ background-color: rgb(119,  
141, 75) }
```

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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