

Converting Colors

YIQ(126.8880, -3.1610,
-14.3050)

Have a look what the booklet for
YIQ(126.8880, -3.1610, -14.3050)
contains.

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Color

**YIQ(126.8880, -3.1610,
-14.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	73896A
RGB	115, 137, 106
RGB Percent	45%, 54%, 42%
CMY	0.5491, 0.4627, 0.5843
CMYK	0.16, 0.00, 0.23, 0.46
HSL	103°, 13%, 48%
HSV	103°, 23%, 54%
XYZ	18.6165, 22.5782, 17.0133
YIQ	126.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

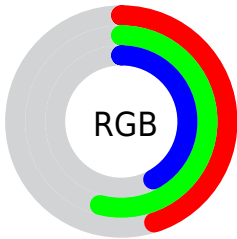
Format	Color
R_{YB}	106, 137, 128
Decimal	7571818
CIE _{Lab}	54.64, -14.09, 14.06
CIE _{LCh}	55, 19.906, 135.054
Yxy	22.5782, 0.3198, 0.3879
Android (android.graphics.Color)	4285761898 (0xFF73896A)
YUV	126.8880, -10.2978, -10.4258
Hunter-Lab	47.5165, -13.2195, 12.0328

Details

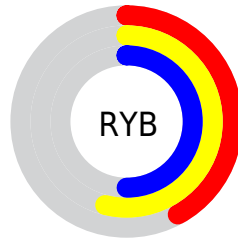
The YIQ color $126.8880, -3.1610, -14.3050$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $116.1120, 3.1610, 14.3050$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $179.3610, -3.1150, -15.1390$, and $77.5290, -3.5280, -13.1600$ is the 20% darker color. If you saturate the color by 10%, you get $122.3020, -4.6270, -20.7790$, and if you desaturate by 10%, it is $131.4740, -1.6950, -7.8310$.

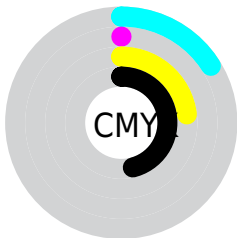
Distribution



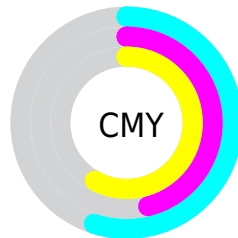
- Red (45%)
- Green (54%)
- Blue (42%)



- Red (42%)
- Yellow (54%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8880, -3.1610, -14.3050 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 126.8880, -3.1610, -14.3050 by changing the saturation by 10% instead.

■ 126.8880, -3.1610,
-14.3050

■ 126.8880, -3.1610,
-14.3050

■ 255.0000, -0.0000,
-0.0000

■ 102.0020, -3.4820,
-13.9940

■ 179.3610, -3.1150,
-15.1390

■ 77.5290, -3.5280,
-13.1600

■ 207.2470, -2.7940,
-15.4500

■ 54.9420, -3.2530,
-12.6370

■ 235.8340, -3.0690,
-15.9730

■ 33.0560, -3.5740,
-12.3260

■ 252.0940, 2.4310,
-5.5130

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 126.8880, -3.1610,
-14.3050

■ 126.8880, -3.1610,
-14.3050

■ 122.3020, -4.6270,
-20.7790

■ 131.4740, -1.6950,
-7.8310

■ 118.1290, -5.8180,
-26.7300

■ 135.6470, -0.5040,
-1.8800

■ 113.5430, -7.2840,
-33.2040

■ 140.2330, 0.9620,
4.5940

■ 108.9570, -8.7500,
-39.6780

■ 144.8190, 2.4280,
11.0680

■ 104.3710,
-10.2160, -46.1520

■ 149.4050, 3.8940,
17.5420

■ 100.1980,
-11.4070, -52.1030

■ 153.5780, 5.0850,
23.4930

■ 95.6120, -12.8730,
-58.5770


■ 158.1640, 6.5510,
29.9670

■ 92.3790, -13.8350,

■ 162.7500, 8.0170,

-63.1710

36.4410

 167.2220, 9.8040,
42.6040

Harmonies

Analogous

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



128.6080, 12.4270, -10.4610



126.8880, -3.1610, -14.3050



124.6780, -20.1250, -15.2370

Triad

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



126.8880, -3.1610, -14.3050



127.4280, -30.4440, 1.0760



132.9220, 27.0030, 11.7310

Complementary

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



126.8880, -3.1610, -14.3050



116.1120, 3.1610, 14.3050

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.



133.6530, 17.6950, 15.2230



126.8880, -3.1610, -14.3050



130.8970, -15.4070, 9.4010

Square

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



126.8880, -3.1610, -14.3050



123.9660, -38.1910, -7.2070



132.9270, 2.2440, 14.4040



131.9620, 29.5260, 4.5500

Rectangle

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



126.8880, -3.1610, -14.3050



123.0560, -29.9370, -13.6250



132.9270, 2.2440, 14.4040



133.1930, 24.8020, 13.0740

Sweetspot

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



126.8880, -3.1610, -14.3050



174.8270, -1.1910, -5.9510



128.1830, 12.4260, -4.9340



86.7070, -0.7330, -3.2370



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.



126.8880, -3.1610, -14.3050



162.9490, -5.1310, -22.6590



124.8810, -10.4510, -14.3470



66.7070, -0.7330, -3.2370



89.4330, -13.9270, -61.5030



3.2340, -0.7790, -2.4030

Inverse Universe

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



116.1120, 3.1610, 14.3050



146.0510, 5.1310, 22.6590



118.1190, 10.4510, 14.3470



64.2930, 0.7330, 3.2370



43.2680, 13.3310, 61.2910



1.7660, 0.7790, 2.4030

Previews

White Background



This preview shows how the YIQ color 126.8880, -3.1610, -14.3050 looks on a white background.

Color Contrast Check

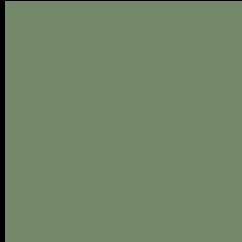
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.8880, -3.1610, -14.3050 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 126.8880, -3.1610, -14.3050

Background



This preview shows how black text looks on a background with the YIQ color 126.8880, -3.1610, -14.3050.



This preview shows how white text looks on a background with the YIQ color 126.8880, -3.1610,

-14.3050.

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

126.8880, -3.1610, -14.3050

Protanopia

129.6130, 14.0310, -6.4890

Deuteranopia

130.8360, 20.9530, 0.2250



Tritanopia

129.9650, -10.0870, 1.0890

Trichromacy



Original Color

126.8880, -3.1610, -14.3050

Protanomaly

128.7970, 7.5210, -9.6550

Deuteranomaly

129.1830, 12.4260, -4.9340

Tritanomaly

129.0590, -7.6560, -4.4240

Monochromacy



Original Color

126.8880, -3.1610, -14.3050

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8880, -3.1610, -14.3050 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(115, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(115, 137, 106)  
}
```

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(115, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 137, 106) }
```

Border

The CSS property to change the border of an element to YIQ 126.8880, -3.1610, -14.3050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

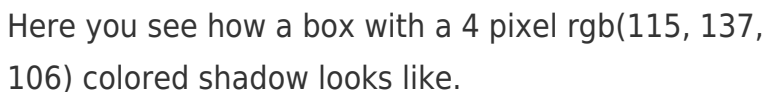
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 137, 106) }
```


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

```
.border{ border-color:rgb(115, 137, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 137, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 137, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 137, 106); box-shadow:4px 4px 4px 4px rgb(115, 137, 106) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8880, -3.1610, -14.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 137, 106) }
```

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

```
.background{ background-color: rgb(115,  
137, 106) }
```

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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