

Converting Colors

YIQ(126.0230, -7.9750,
-15.1670)

Have a look what the booklet for
YIQ(126.0230, -7.9750, -15.1670)
contains.

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Color

**YIQ(126.0230, -7.9750,
-15.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8A6D
RGB	109, 138, 109
RGB Percent	43%, 54%, 43%
CMY	0.5726, 0.4588, 0.5726
CMYK	0.21, 0.00, 0.21, 0.46
HSL	120°, 12%, 48%
HSV	120°, 21%, 54%
XYZ	18.1544, 22.5343, 17.8601
YIQ	126.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

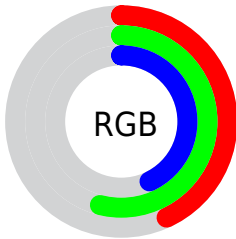
Format	Color
RYB	109, 138, 138
Decimal	7178861
CIELab	54.59, -16.31, 12.23
CIELCh	55, 20.387, 143.154
Yxy	22.5343, 0.3101, 0.3849
Android (android.graphics.Color)	4285368941 (0xFF6D8A6D)
YUV	126.0230, -8.3923, -14.9292
Hunter-Lab	47.4703, -14.8083, 10.9222

Details

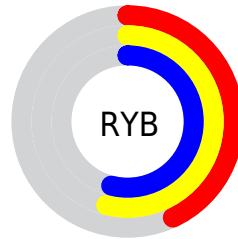
The YIQ color $126.0230, -7.9750, -15.1670$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $120.9770, 7.9750, 15.1670$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.1970, -8.5250, -16.2130$, and $76.8490, -7.4250, -14.1210$ is the 20% darker color. If you saturate the color by 10%, you get $120.2410, -11.8250, -22.4890$, and if you desaturate by 10%, it is $131.8050, -4.1250, -7.8450$.

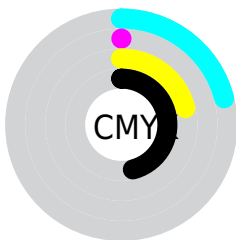
Distribution



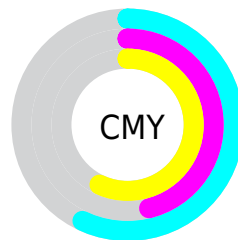
- Red (43%)
- Green (54%)
- Blue (43%)



- Red (43%)
- Yellow (54%)
- Blue (54%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (46%)



- Cyan (57%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0230, -7.9750, -15.1670 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 126.0230, -7.9750, -15.1670 by changing the saturation by 10% instead.

■ 126.0230, -7.9750,
-15.1670

■ 126.0230, -7.9750,
-15.1670

■ 255.0000, -0.0000,
-0.0000

■ 101.1370, -8.2960,
-14.8560

■ 179.1970, -8.5250,
-16.2130

■ 76.8490, -7.4250,
-14.1210

■ 206.1970, -8.5250,
-16.2130

■ 53.3760, -7.4710,
-13.2870

■ 234.6700, -8.4790,
-17.0470

■ 31.6040, -8.1130,
-12.6650

■ 250.7560, -2.4290,
-5.5410

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 126.0230, -7.9750,
-15.1670

■ 126.0230, -7.9750,
-15.1670

■ 120.2410,
-11.8250, -22.4890

■ 131.8050, -4.1250,
-7.8450

■ 114.4590,
-15.6750, -29.8110

■ 137.5870, -0.2750,
-0.5230

■ 109.0900,
-19.2500, -36.6100

■ 142.9560, 3.3000,
6.2760

■ 103.3080,
-23.1000, -43.9320

■ 148.7380, 7.1500,
13.5980

■ 97.5260, -26.9500,
-51.2540

■ 154.5200, 11.0000,
20.9200

■ 91.7440, -30.8000,
-58.5760

■ 160.3020, 14.8500,
28.2420

■ 85.9620, -34.6500,
-65.8980


■ 166.0840, 18.7000,
35.5640

■ 81.0060, -37.9500,

■ 171.4530, 22.2750,

-72.1740

42.3630

 177.2350, 26.1250,
49.6850

Harmonies

Analogous

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



128.4010, 8.5760, -12.2560



126.0230, -7.9750, -15.1670



123.4540, -25.3060, -14.9540

Triad

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



126.0230, -7.9750, -15.1670



127.9770, -27.5560, 3.8040



132.6510, 29.2040, 10.3880

Complementary

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



126.0230, -7.9750, -15.1670



120.9770, 7.9750, 15.1670

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.



133.3930, 21.3630, 14.8270



126.0230, -7.9750, -15.1670



131.4030, -10.9600, 11.4080

Square

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



126.0230, -7.9750, -15.1670



124.1340, -38.6040, -5.2280



133.4930, 6.4620, 15.0540



131.4950, 29.3430, 2.3590

Rectangle

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



126.0230, -7.9750, -15.1670



123.0170, -34.2010, -13.4410



133.4930, 6.4620, 15.0540



132.9220, 27.0030, 11.7310

Sweetspot

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



126.0230, -7.9750, -15.1670



174.4570, -3.0250, -5.7530



134.6940, 9.3090, -9.0190



86.5220, -1.6500, -3.1380



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.



126.0230, -7.9750, -15.1670



160.4150, -12.3750, -23.5350



127.6190, -12.4690, -10.8130



66.1090, -1.9250, -3.6610



78.0710, -36.5750, -69.5590



2.9350, -1.3750, -2.6150

Inverse Universe

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



120.9770, 7.9750, 15.1670



152.4710, 12.6960, 23.2240



119.2670, 12.7900, 10.5020



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 126.0230, -7.9750, -15.1670 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 126.0230, -7.9750, -15.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

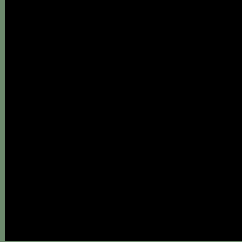
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.0230, -7.9750, -15.1670

Background



This preview shows how black text looks on a background with the YIQ color 126.0230, -7.9750, -15.1670.



This preview shows how white text looks on a background with the YIQ color 126.0230, -7.9750,

-15.1670.

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

126.0230, -7.9750, -15.1670

Protanopia

129.5420, 12.7930, -6.0790

Deuteranopia

130.6940, 18.4770, 1.0450



Tritanopia

128.8720, -14.2590, -0.3950

Trichromacy



Original Color

126.0230, -7.9750, -15.1670

Protanomaly

128.1280, 5.0910, -9.6690

Deuteranomaly

129.0300, 8.4830, -5.0610

Tritanomaly

127.9660, -11.8280, -5.9080

Monochromacy



Original Color

126.0230, -7.9750, -15.1670

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8700, -2.7500, -5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0230, -7.9750, -15.1670 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(109, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 138, 109)  
}
```

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(109, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 138, 109) }
```

Border

The CSS property to change the border of an element to YIQ 126.0230, -7.9750, -15.1670 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(109, 138, 109) }
```


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

```
.border{ border-color:rgb(109, 138, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 138,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0230, -7.9750, -15.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 138, 109) }
```

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

```
.background{ background-color: rgb(109,  
138, 109) }
```

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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