

Converting Colors

YIQ(126.3220, -7.3790,
-14.9550)

Have a look what the booklet for
YIQ(126.3220, -7.3790, -14.9550)
contains.

YIQ(126.3220, -7.3790, -14.9550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.3220, -7.3790,
-14.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8A6D
RGB	110, 138, 109
RGB Percent	43%, 54%, 43%
CMY	0.5687, 0.4588, 0.5726
CMYK	0.20, 0.00, 0.21, 0.46
HSL	118°, 12%, 48%
HSV	118°, 21%, 54%
XYZ	18.2781, 22.5980, 17.8660
YIQ	126.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

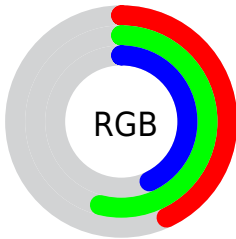
Format	Color
RYB	109, 138, 137
Decimal	7244397
CIELab	54.66, -15.95, 12.33
CIElCh	55, 20.157, 142.297
Yxy	22.5980, 0.3112, 0.3847
Android (android.graphics.Color)	4285434477 (0xFF6E8A6D)
YUV	126.3220, -8.5397, -14.3144
Hunter-Lab	47.5374, -14.5572, 10.9932

Details

The YIQ color $126.3220, -7.3790, -14.9550$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $120.6780, 7.3790, 14.9550$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.4960, -7.9290, -16.0010$, and $77.1480, -6.8290, -13.9090$ is the 20% darker color. If you saturate the color by 10%, you get $120.8390, -10.6330, -22.0650$, and if you desaturate by 10%, it is $131.8050, -4.1250, -7.8450$.

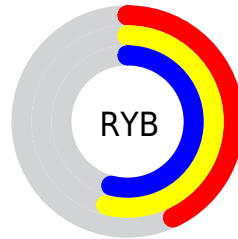
Distribution



Red (43%)

Green (54%)

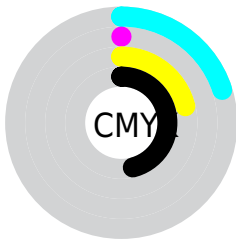
Blue (43%)



Red (43%)

Yellow (54%)

Blue (54%)

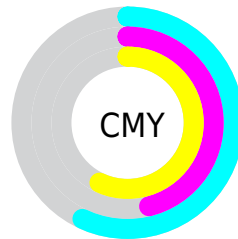


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3220, -7.3790, -14.9550 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 126.3220, -7.3790, -14.9550 by changing the saturation by 10% instead.

■ 126.3220, -7.3790,
-14.9550

■ 126.3220, -7.3790,
-14.9550

■ 255.0000, -0.0000,
-0.0000

■ 101.4360, -7.7000,
-14.6440

■ 179.4960, -7.9290,
-16.0010

■ 77.1480, -6.8290,
-13.9090

■ 206.4960, -7.9290,
-16.0010

■ 54.2620, -7.1500,
-13.5980

■ 234.9690, -7.8830,
-16.8350

■ 31.9030, -7.5170,
-12.4530

■ 251.0550, -1.8330,
-5.3290

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 126.3220, -7.3790,
-14.9550

■ 126.3220, -7.3790,
-14.9550

■ 120.8390,
-10.6330, -22.0650

■ 131.8050, -4.1250,
-7.8450

■ 115.0570,
-14.4830, -29.3870

■ 137.5870, -0.2750,
-0.5230

■ 109.6880,
-18.0580, -36.1860

■ 142.9560, 3.3000,
6.2760

■ 104.2050,
-21.3120, -43.2960

■ 148.4390, 6.5540,
13.3860

■ 98.4230, -25.1620,
-50.6180

■ 154.2210, 10.4040,
20.7080

■ 92.9400, -28.4160,
-57.7280

■ 159.7040, 13.6580,
27.8180

■ 87.4570, -31.6700,
-64.8380

■ 165.1870, 16.9120,
34.9280

■ 82.5010, -34.9700,

■ 170.8550, 21.0830,

-71.1140

41.9390

 176.3380, 24.3370,
49.0490

Harmonies

Analogous

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



128.7000, 9.1720, -12.0440



126.3220, -7.3790, -14.9550



123.6390, -24.3890, -15.0530

Triad

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



126.3220, -7.3790, -14.9550



128.2650, -28.4270, 3.0690



132.9390, 28.3330, 9.6530

Complementary

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



126.3220, -7.3790, -14.9550



120.6780, 7.3790, 14.9550

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.



133.7950, 20.1710, 14.4030



126.3220, -7.3790, -14.9550



131.9900, -11.2350, 10.8850

Square

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



126.3220, -7.3790, -14.9550



124.4330, -38.0080, -5.0160



133.4930, 6.4620, 15.0540



131.6090, 29.0220, 2.6700

Rectangle

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



126.3220, -7.3790, -14.9550



123.3160, -33.6050, -13.2290



133.4930, 6.4620, 15.0540



133.0360, 26.6820, 12.0420

Sweetspot

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



126.3220, -7.3790, -14.9550



174.4570, -3.0250, -5.7530



134.1070, 9.5840, -8.4960



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.



126.3220, -7.3790, -14.9550



160.7140, -11.7790, -23.3230



127.5050, -12.1480, -11.1240



66.1090, -1.9250, -3.6610



79.2670, -34.1910, -68.7110



2.9350, -1.3750, -2.6150

Inverse Universe

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



120.6780, 7.3790, 14.9550



151.9870, 11.1830, 23.1110



119.4950, 12.1480, 11.1240



64.8910, 1.9250, 3.6610



53.4340, 33.5950, 68.4990



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 126.3220, -7.3790, -14.9550 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 126.3220, -7.3790, -14.9550 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 126.3220, -7.3790, -14.9550

Background



This preview shows how black text looks on a background with the YIQ color 126.3220, -7.3790, -14.9550.



This preview shows how white text looks on a background with the YIQ color 126.3220, -7.3790,

-14.9550.

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

126.3220, -7.3790, -14.9550

Protanopia

129.5420, 12.7930, -6.0790

Deuteranopia

131.5800, 18.7980, 0.7340



Tritanopia

129.1710, -13.6630, -0.1830

Trichromacy



Original Color

126.3220, -7.3790, -14.9550

Protanomaly

128.4270, 5.6870, -9.4570

Deuteranomaly

129.3290, 9.0790, -4.8490

Tritanomaly

128.2650, -11.2320, -5.6960

Monochromacy



Original Color

126.3220, -7.3790, -14.9550

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 126.3220, -7.3790, -14.9550 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(110, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 109) }
```

Border

The CSS property to change the border of an element to YIQ 126.3220, -7.3790, -14.9550 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(110, 138, 109) }
```


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

```
.border{ border-color:rgb(110, 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(110, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3220, -7.3790, -14.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 109) }
```

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

```
.background{ background-color: rgb(110,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor