

Converting Colors

YIQ(126.3190, 32.2340,
-11.4940)

Have a look what the booklet for
YIQ(126.3190, 32.2340, -11.4940)
contains.

YIQ(126.3190, 32.2340, -11.4940)	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(126.3190, 32.2340,
-11.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	967D47
RGB	150, 125, 71
RGB Percent	59%, 49%, 28%
CMY	0.4117, 0.5098, 0.7214
CMYK	0.00, 0.17, 0.53, 0.41
HSL	41°, 36%, 43%
HSV	41°, 53%, 59%
XYZ	21.0499, 21.6047, 9.0292
YIQ	126.3190, 32.2340, -11.4940

Conversions

Conversions Part 2

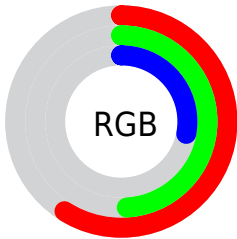
Format	Color
RYB	108, 150, 71
Decimal	9862471
CIELab	53.61, 2.49, 32.79
CIELCh	54, 32.888, 85.660
Yxy	21.6047, 0.4073, 0.4180
Android (android.graphics.Color)	4288052551 (0xFF967D47)
YUV	126.3190, -27.2723, 20.7682
Hunter-Lab	46.4808, -0.5038, 21.0191

Details

The YIQ color **126.3190, 32.2340, -11.4940** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.6810, -32.2340, 11.4940**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2870, 35.2600, -11.2680**, and **76.3510, 29.2080, -11.7200** is the 20% darker color. If you saturate the color by 10%, you get **121.6740, 38.4240, -13.5440**, and if you desaturate by 10%, it is **130.9640, 26.0440, -9.4440**.

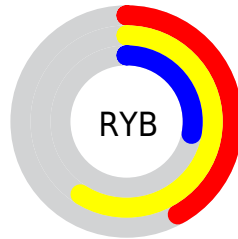
Distribution



Red (59%)

Green (49%)

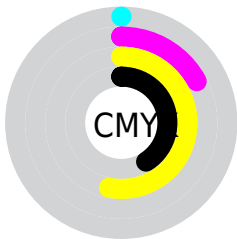
Blue (28%)



Red (42%)

Yellow (59%)

Blue (28%)

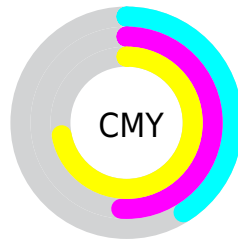


Cyan (0%)

Magenta (17%)

Yellow (53%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3190, 32.2340, -11.4940 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 126.3190, 32.2340, -11.4940 by changing the saturation by 10% instead.

■ 126.3190, 32.2340,
-11.4940

■ 126.3190, 32.2340,
-11.4940

■ 255.0000, -0.0000,
-0.0000

■ 100.9490, 30.4000,
-11.2960

■ 179.2870, 35.2600,
-11.2680

■ 76.4650, 28.8870,
-11.4090

■ 207.3580, 36.4980,
-11.6780

■ 53.2260, 28.0620,
-12.9780

■ 232.8520, 32.0510,
-13.6850

■ 33.4240, 18.9370,
-7.2950

■ 248.8440, 17.3340,
-16.7940

■ 13.0350, 10.0870,
-1.0890

■ 252.1500, 8.0250,
-7.7750

■ 0.0000, 0.0000,
0.0000

■ 126.3190, 32.2340,
-11.4940

■ 126.3190, 32.2340,
-11.4940

■ 121.6740, 38.4240,
-13.5440

■ 130.9640, 26.0440,
-9.4440

■ 117.0290, 44.6140,
-15.5940

■ 135.0220, 20.1290,
-6.8710

■ 112.9710, 50.5290,
-18.1670

■ 139.6670, 13.9390,
-4.8210

■ 108.3260, 56.7190,
-20.2170

■ 144.3120, 7.7490,
-2.7710

■ 104.7240, 61.3500,
-21.5460

■ 148.9570, 1.5590,
-0.7210

■ 153.6020, -4.6310,
1.3290

■ 157.6600,
-10.5460, 3.9020

■ 162.3050,

-16.7360, 5.9520

■ 166.9500,
-22.9260, 8.0020

Harmonies

Analogous

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



128.2810, 44.5650, 1.8210



126.3190, 32.2340, -11.4940



123.8000, 11.4660, -20.5820

Triad

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



126.3190, 32.2340, -11.4940



101.2690, -88.1170, -27.5170



131.8240, 13.2000, 25.1040

Complementary

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



126.3190, 32.2340, -11.4940



94.6810, -32.2340, 11.4940

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.



129.3950, -16.5090, 18.3630



126.3190, 32.2340, -11.4940



102.6250, -91.6950, -17.7350

Square

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



126.3190, 32.2340, -11.4940



112.0160, -50.7960, -26.5720



121.4830, -49.4720, 4.5120



130.9050, 34.8410, 23.8730

Rectangle

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



126.3190, 32.2340, -11.4940



120.8240, -6.2770, -23.9170



121.4830, -49.4720, 4.5120



131.5070, 3.8470, 23.9030

Sweetspot

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



126.3190, 32.2340, -11.4940



184.5960, 12.7010, -4.4110



97.5850, 38.7380, 24.8340



91.3120, 7.7490, -2.7710



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



126.3190, 32.2340, -11.4940



157.1990, 49.8870, -17.5450



137.1070, 17.6110, -27.3250



72.0280, 2.7970, -1.1310



96.4400, 56.3980, -19.9060



7.0990, 4.0350, -1.5410

Inverse Universe

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



94.6810, -32.2340, 11.4940



108.2140, -49.6120, 18.0680



83.8930, -17.6110, 27.3250



68.9720, -2.7970, 1.1310



41.5600, -56.3980, 19.9060



2.9010, -4.0350, 1.5410

Previews

White Background



This preview shows how the YIQ color 126.3190, 32.2340, -11.4940 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 126.3190, 32.2340, -11.4940 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 126.3190, 32.2340, -11.4940

Background



This preview shows how black text looks on a background with the YIQ color 126.3190, 32.2340, -11.4940.



This preview shows how white text looks on a background with the YIQ color 126.3190, 32.2340, -11.4940.

-11.4940.

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

126.3190, 32.2340, -11.4940

Protanopia

125.5030, 25.7240, -14.6600

Deuteranopia

126.7650, 36.9100, -8.1300



Tritanopia

130.2030, 18.8420, 10.9540

Trichromacy



Original Color

126.3190, 32.2340, -11.4940

Protanomaly

125.8130, 27.7870, -13.5010

Deuteranomaly

126.4550, 34.8470, -9.2890

Tritanomaly

128.9720, 23.5660, 2.4300

Monochromacy



Original Color

126.3190, 32.2340, -11.4940

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.4110, 11.7840, -4.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3190, 32.2340, -11.4940 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(150, 125, 71)` looks like.

```
.text, #text, p{  
    color:rgb(150, 125, 71)  
}
```

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(150, 125, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 125, 71) }
```

Border

The CSS property to change the border of an element to YIQ 126.3190, 32.2340, -11.4940 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(150, 125, 71) }
```


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

```
.border{ border-color:rgb(150, 125, 71) }
```

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

Here you see how a box with a 4 pixel rgb(150, 125, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 125, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 125, 71);  
box-shadow:4px 4px 4px 4px rgb(150, 125,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3190, 32.2340, -11.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 125, 71) }
```

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

```
.background{ background-color: rgb(150,  
125, 71) }
```

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