

Converting Colors

YIQ(128.6340, 35.9010, -6.3630)

Have a look what the booklet for
YIQ(128.6340, 35.9010, -6.3630)
contains.

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Color

**YIQ(128.6340, 35.9010,
-6.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7B4E
RGB	159, 123, 78
RGB Percent	62%, 48%, 31%
CMY	0.3764, 0.5177, 0.6939
CMYK	0.00, 0.23, 0.51, 0.38
HSL	33°, 34%, 46%
HSV	33°, 51%, 62%
XYZ	22.7588, 22.0853, 10.2796
YIQ	128.6340, 35.9010, -6.3630

Conversions

Conversions Part 2

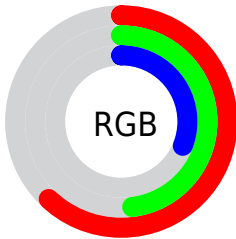
Format	Color
R_{YB}	143, 159, 78
Decimal	10451790
CIE _{Lab}	54.12, 8.25, 29.82
CIE _{LCh}	54, 30.945, 74.528
Yxy	22.0853, 0.4129, 0.4006
Android (android.graphics.Color)	4288641870 (0xFF9F7B4E)
YUV	128.6340, -24.9626, 26.6310
Hunter-Lab	46.9950, 4.2032, 19.9275

Details

The YIQ color **128.6340, 35.9010, -6.3630** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **108.3660, -35.9010, 6.3630**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6020, 38.9270, -6.1370**, and **78.4810, 31.9580, -6.4900** is the 20% darker color. If you saturate the color by 10%, you get **122.7010, 42.9620, -7.6780**, and if you desaturate by 10%, it is **134.5670, 28.8400, -5.0480**.

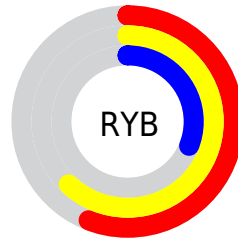
Distribution



Red (62%)

Green (48%)

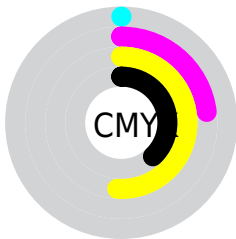
Blue (31%)



Red (56%)

Yellow (62%)

Blue (31%)

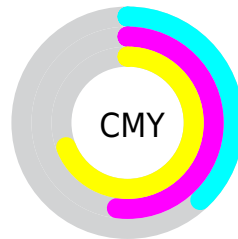


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (38%)



Cyan (38%)


Magenta (52%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.6340, 35.9010, -6.3630 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 128.6340, 35.9010, -6.3630 by changing the saturation by 10% instead.


 128.6340, 35.9010,
-6.3630


 128.6340, 35.9010,
-6.3630


255.0000, -0.0000,
-0.0000


 103.2640, 34.0670,
-6.1650


 181.9010, 39.5230,
-5.9250

 78.4810, 31.9580,
-6.4900


 209.9720, 40.7610,
-6.3350


 55.1710, 29.8950,
-7.6490


 232.4760, 30.3540,
-10.4620

 34.6420, 24.2550,
-4.5530

 249.7560, 14.7660,
-14.3060

 13.9650, 16.2760,
2.3880

 252.9480, 5.7780,
-5.5980

 0.0000, 0.0000,
0.0000

■ 128.6340, 35.9010,
-6.3630

■ 128.6340, 35.9010,
-6.3630

■ 122.7010, 42.9620,
-7.6780

■ 134.5670, 28.8400,
-5.0480

■ 116.7680, 50.0230,
-8.9930

■ 140.5000, 21.7790,
-3.7330

■ 110.8350, 57.0840,
-10.3080

■ 146.4330, 14.7180,
-2.4180

■ 104.9020, 64.1450,
-11.6230

■ 152.3660, 7.6570,
-1.1030

■ 99.1970, 70.5640,
-12.3160

■ 158.2990, 0.5960,
0.2120

■ 164.1180, -6.1440,
1.2160

■ 170.6380,
-13.4800, 2.0080

■ 176.5710,

-20.5410, 3.3230

■ 182.5040,
-27.6020, 4.6380

Harmonies

Analogous

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



130.1440, 43.6930, 6.6130



128.6340, 35.9010, -6.3630



126.3280, 18.8470, -16.6810

Triad

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



128.6340, 35.9010, -6.3630



109.9850, -66.7060, -24.5780



132.9690, 2.4260, 22.1220

Complementary

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



128.6340, 35.9010, -6.3630



108.3660, -35.9010, 6.3630

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.



129.2580, -26.5490, 13.0910



128.6340, 35.9010, -6.3630



107.3610, -82.2040, -19.0360

Square

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



128.6340, 35.9010, -6.3630



117.8670, -34.1990, -24.4950



120.0860, -55.8440, -1.1560



132.7130, 26.6340, 23.9300

Rectangle

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



128.6340, 35.9010, -6.3630



124.3800, 3.9010, -21.1470



120.0860, -55.8440, -1.1560



132.0110, -6.5600, 19.7760

Sweetspot

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



128.6340, 35.9010, -6.3630



195.2480, 13.8010, -2.3190



106.3230, 36.7200, 28.3680



97.5510, 8.5740, -1.2020



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.6340, 35.9010, -6.3630



159.1770, 56.1210, -9.3750



148.5700, 23.6170, -26.0390



76.3270, 3.3930, -0.9190



89.1300, 63.5030, -11.0010



9.1810, 6.7400, -1.0040

Inverse Universe

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



108.3660, -35.9010, 6.3630



128.2360, -55.8460, 9.8980



88.4300, -23.6170, 26.0390



74.2600, -3.6680, 0.3960



53.8700, -63.5030, 11.0010



5.8190, -6.7400, 1.0040

Previews

White Background



This preview shows how the YIQ color 128.6340, 35.9010, -6.3630 looks on a white background.

Color Contrast Check

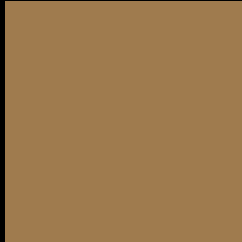
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6340, 35.9010, -6.3630 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 128.6340, 35.9010, -6.3630

Background



This preview shows how black text looks on a background with the YIQ color 128.6340, 35.9010, -6.3630.



This preview shows how white text looks on a background with the YIQ color 128.6340, 35.9010,

-6.3630.

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

128.6340, 35.9010, -6.3630

Protanopia

127.7030, 22.2850, -12.9070

Deuteranopia

128.6230, 34.4340, -7.3100



Tritanopia

131.7800, 24.5270, 12.5510

Trichromacy



Original Color

128.6340, 35.9010, -6.3630

Protanomaly

127.9210, 27.6030, -10.1650

Deuteranomaly

128.9220, 35.0300, -7.0980

Tritanomaly

130.7170, 28.8380, 6.0060

Monochromacy



Original Color

128.6340, 35.9010, -6.3630

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9490, 13.2050, -2.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6340, 35.9010, -6.3630 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(159, 123, 78)` looks like.

```
.text, #text, p{  
    color:rgb(159, 123, 78)  
}
```

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(159, 123, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 123, 78) }
```

Border

The CSS property to change the border of an element to YIQ 128.6340, 35.9010, -6.3630 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(159, 123, 78) }
```


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

```
.border{ border-color:rgb(159, 123, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 123, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 123, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 123, 78);  
box-shadow:4px 4px 4px 4px rgb(159, 123,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6340, 35.9010, -6.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 123, 78) }
```

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

```
.background{ background-color: rgb(159,  
123, 78) }
```

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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