

Converting Colors

YIQ(119.3240, 33.8380, -7.5220)

Have a look what the booklet for
YIQ(119.3240, 33.8380, -7.5220)
contains.

YIQ(119.3240, 33.8380, -7.5220)	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(119.3240, 33.8380,
-7.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	937345
RGB	147, 115, 69
RGB Percent	58%, 45%, 27%
CMY	0.4235, 0.5491, 0.7292
CMYK	0.00, 0.22, 0.53, 0.42
HSL	35°, 36%, 42%
HSV	35°, 53%, 58%
XYZ	19.2395, 18.8927, 8.2699
YIQ	119.3240, 33.8380, -7.5220

Conversions

Conversions Part 2

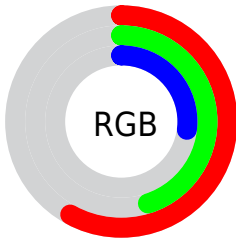
Format	Color
R_{YB}	123, 147, 69
Decimal	9663301
CIE Lab	50.56, 6.67, 30.06
CIE LCh	51, 30.794, 77.483
Yxy	18.8927, 0.4146, 0.4072
Android (android.graphics.Color)	4287853381 (0xFF937345)
YUV	119.3240, -24.8097, 24.2719
Hunter-Lab	43.4658, 2.9453, 19.1454

Details

The YIQ color **119.3240, 33.8380, -7.5220** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **96.6760, -33.8380, 7.5220**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.1780, 37.1850, -7.6070**, and **70.0570, 30.2160, -7.9600** is the 20% darker color. If you saturate the color by 10%, you get **114.0920, 40.3030, -9.0490**, and if you desaturate by 10%, it is **124.5560, 27.3730, -5.9950**.

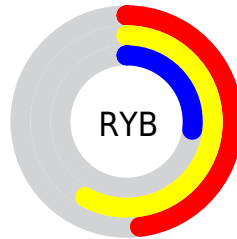
Distribution



Red (58%)

Green (45%)

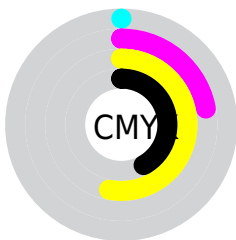
Blue (27%)



Red (48%)

Yellow (58%)

Blue (27%)

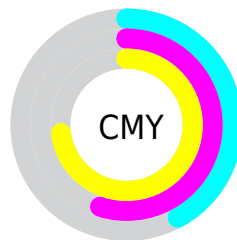


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3240, 33.8380, -7.5220 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 119.3240, 33.8380, -7.5220 by changing the saturation by 10% instead.

■ 119.3240, 33.8380,
-7.5220

■ 119.3240, 33.8380,
-7.5220

■ 255.0000, -0.0000,
-0.0000

■ 93.9540, 32.0040,
-7.3240

■ 172.1780, 37.1850,
-7.6070

■ 70.0570, 30.2160,
-7.9600

■ 199.6620, 38.6980,
-7.4940

■ 47.0460, 28.7490,
-8.9070

■ 226.0530, 36.0390,
-8.8650

■ 27.2440, 19.6240,
-3.2240

■ 245.5670, 19.6720,
-15.1120

■ 5.3820, 10.7280,
3.8160

■ 251.8080, 8.9880,
-8.7080

■ 0.0000, 0.0000,
0.0000

■ 119.3240, 33.8380,
-7.5220

■ 119.3240, 33.8380,
-7.5220

■ 114.0920, 40.3030,
-9.0490

■ 124.5560, 27.3730,
-5.9950

■ 108.9740, 46.4470,
-10.2650

■ 129.6740, 21.2290,
-4.7790

■ 103.7420, 52.9120,
-11.7920

■ 134.9060, 14.7640,
-3.2520

■ 98.5100, 59.3770,
-13.3190

■ 140.1380, 8.2990,
-1.7250

■ 95.0220, 63.6870,
-14.3370

■ 145.3700, 1.8340,
-0.1980

■ 150.4880, -4.3100,
1.0180

■ 155.7200,
-10.7750, 2.5450

■ 160.9520,

-17.2400, 4.0720

■ 166.0700,
-23.3840, 5.2880

Harmonies

Analogous

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



121.0190, 42.5470, 5.3550



119.3240, 33.8380, -7.5220



117.1320, 16.4630, -17.5290

Triad

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



119.3240, 33.8380, -7.5220



94.9450, -78.3970, -27.4610



123.6380, 4.8560, 22.1360

Complementary

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



119.3240, 33.8380, -7.5220



96.6760, -33.8380, 7.5220

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.



120.6390, -23.2480, 13.8400



119.3240, 33.8380, -7.5220



95.4960, -87.0180, -19.8980

Square

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



119.3240, 33.8380, -7.5220



108.0130, -37.5460, -24.4100



111.3960, -53.7810, 0.0030



123.3710, 27.5970, 22.9970

Rectangle

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



119.3240, 33.8380, -7.5220



114.8250, 1.1500, -20.8500



111.3960, -53.7810, 0.0030



123.0930, -3.8550, 20.3130

Sweetspot

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



119.3240, 33.8380, -7.5220



180.5360, 12.9300, -3.0540



96.0840, 35.8950, 26.7990



90.1380, 8.2990, -1.7250



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.



119.3240, 33.8380, -7.5220



147.7420, 52.9120, -11.7920



136.3140, 21.4620, -25.5300



71.4410, 3.0720, -0.6080



88.8090, 59.9730, -13.1070



6.5120, 4.3100, -1.0180

Inverse Universe

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



96.6760, -33.8380, 7.5220



112.2580, -52.9120, 11.7920



79.9850, -20.8660, 25.7420



69.5590, -3.0720, 0.6080



49.1910, -59.9730, 13.1070



3.4880, -4.3100, 1.0180

Previews

White Background



This preview shows how the YIQ color 119.3240, 33.8380, -7.5220 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 119.3240, 33.8380, -7.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

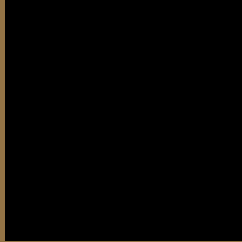
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3240, 33.8380, -7.5220

Background



This preview shows how black text looks on a background with the YIQ color 119.3240, 33.8380, -7.5220.



This preview shows how white text looks on a background with the YIQ color 119.3240, 33.8380,

-7.5220.

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

119.3240, 33.8380, -7.5220

Protanopia

118.5890, 22.6060, -13.2180

Deuteranopia

119.3240, 33.8380, -7.5220



Tritanopia

122.5840, 22.1430, 11.7030

Trichromacy



Original Color

119.3240, 33.8380, -7.5220

Protanomaly

118.7960, 26.4570, -11.4230

Deuteranomaly

119.3240, 33.8380, -7.5220

Tritanomaly

121.4070, 26.7750, 4.8470

Monochromacy



Original Color

119.3240, 33.8380, -7.5220

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3510, 12.0130, -2.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3240, 33.8380, -7.5220 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(147, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(147, 115, 69)  
}
```

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(147, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 115, 69) }
```

Border

The CSS property to change the border of an element to YIQ 119.3240, 33.8380, -7.5220 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(147, 115, 69) }
```


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

```
.border{ border-color:rgb(147, 115, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 115, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(147, 115,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3240, 33.8380, -7.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 115, 69) }
```

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

```
.background{ background-color: rgb(147,  
115, 69) }
```

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