

Converting Colors

YIQ(125.7060, -9.3010,
-35.1970)

Have a look what the booklet for
YIQ(125.7060, -9.3010, -35.1970)
contains.

YIQ(125.7060, -9.3010, -35.1970)	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(125.7060, -9.3010,
-35.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	5F974C
RGB	95, 151, 76
RGB Percent	37%, 59%, 30%
CMY	0.6276, 0.4077, 0.7019
CMYK	0.37, 0.00, 0.50, 0.41
HSL	105°, 33%, 45%
HSV	105°, 50%, 59%
XYZ	17.0896, 25.0930, 10.7812
YIQ	125.7060, -9.3010, -35.1970

Conversions

Conversions Part 2

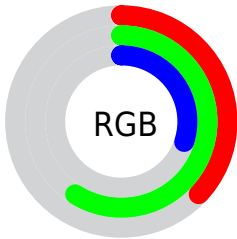
Format	Color
RYB	76, 151, 132
Decimal	6264652
CIELab	57.17, -33.16, 33.62
CIElCh	57, 47.225, 134.607
Yxy	25.0930, 0.3227, 0.4738
Android (android.graphics.Color)	4284454732 (0xFF5F974C)
YUV	125.7060, -24.5051, -26.9292
Hunter-Lab	50.0930, -26.7660, 22.3045

Details

The YIQ color $125.7060, -9.3010, -35.1970$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $101.2940, 9.3010, 35.1970$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.5380, -8.8880, -37.1760$, and $74.7490, -10.8600, -34.4760$ is the 20% darker color. If you saturate the color by 10%, you get $120.7070, -11.0420, -42.1940$, and if you desaturate by 10%, it is $130.7050, -7.5600, -28.2000$.

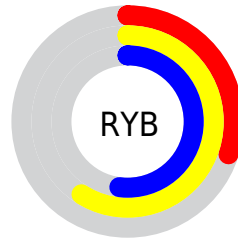
Distribution



Red (37%)

Green (59%)

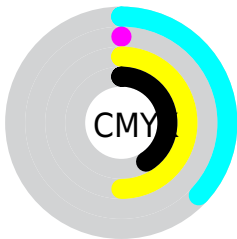
Blue (30%)



Red (30%)

Yellow (59%)

Blue (52%)

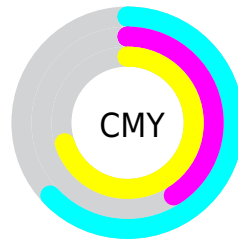


Cyan (37%)

Magenta (0%)

Yellow (50%)

Black (41%)



Cyan (63%)


Magenta (41%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7060, -9.3010, -35.1970 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 125.7060, -9.3010, -35.1970 by changing the saturation by 10% instead.


 125.7060, -9.3010,
-35.1970


 125.7060, -9.3010,
-35.1970


 255.0000, -0.0000,
-0.0000

 99.9340, -9.9430,
-34.5750


 179.5380, -8.8880,
-37.1760

 74.7490, -10.8600,
-34.4760


 207.4240, -8.5670,
-37.4870

 48.5530, -13.2440,
-35.3240

 231.2010, -6.3210,
-34.1370

 30.5240, -14.3000,
-27.1960

 242.7650, 1.3790,
-19.4930

 19.3710, -9.0750,
-17.2590

 252.8340, 6.0990,
-5.9090

 0.0000, 0.0000,
0.0000

■ 125.7060, -9.3010,
-35.1970

■ 125.7060, -9.3010,
-35.1970

■ 120.7070,
-11.0420, -42.1940

■ 130.7050, -7.5600,
-28.2000

■ 115.4090,
-13.3790, -49.4030

■ 136.0030, -5.2230,
-20.9910

■ 110.4100,
-15.1200, -56.4000

■ 141.0020, -3.4820,
-13.9940

■ 105.4110,
-16.8610, -63.3970

■ 146.0010, -1.7410,
-6.9970

■ 100.2980,
-18.2810, -70.7050

■ 151.1140, -0.3210,
0.3110

■ 99.9990, -18.8770,
-70.9170

■ 156.4120, 2.0160,
7.5200

■ 161.4110, 3.7570,
14.5170

■ 166.4100, 5.4980,

21.5140

■ 171.7080, 7.8350,
28.7230

Harmonies

Analogous

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



130.9680, 28.2480, -27.3680



125.7060, -9.3010, -35.1970



104.5680, -79.4940, -46.1340

Triad

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



125.7060, -9.3010, -35.1970



111.5000, -110.0360, -10.2280



137.4260, 61.2950, 29.0310

Complementary

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



125.7060, -9.3010, -35.1970



101.2940, 9.3010, 35.1970

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.



139.6860, 40.4320, 38.1920



125.7060, -9.3010, -35.1970



134.4810, -45.9900, 18.5060

Square

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



125.7060, -9.3010, -35.1970



113.1010, -104.8990, -20.7310



141.2440, 3.5700, 34.4340



135.9740, 64.7830, 9.8630

Rectangle

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



125.7060, -9.3010, -35.1970



109.0480, -89.3530, -38.1610



141.2440, 3.5700, 34.4340



138.0220, 56.8010, 33.3850

Sweetspot

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



125.7060, -9.3010, -35.1970



186.1160, -3.8030, -13.6830



130.7100, 29.5750, -12.8650



93.1750, -2.2910, -8.0430



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



125.7060, -9.3010, -35.1970



156.3500, -14.8910, -55.0430



122.0770, -26.4030, -33.6270



74.2940, -1.0080, -3.7600



92.6450, -17.6400, -65.8000



8.5280, -1.7870, -6.1630

Inverse Universe

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



101.2940, 9.3010, 35.1970



118.6500, 14.8910, 55.0430



105.0370, 26.0820, 33.9380



71.7060, 1.0080, 3.7600



47.3550, 17.6400, 65.8000



4.4720, 1.7870, 6.1630

Previews

White Background



This preview shows how the YIQ color 125.7060, -9.3010, -35.1970 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 125.7060, -9.3010, -35.1970 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 125.7060, -9.3010, -35.1970

Background



This preview shows how black text looks on a background with the YIQ color 125.7060, -9.3010, -35.1970.



This preview shows how white text looks on a background with the YIQ color 125.7060, -9.3010,

-35.1970.

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

125.7060, -9.3010, -35.1970

Protanopia

133.6620, 29.5300, -17.5580

Deuteranopia

135.1780, 37.1850, -7.6070



Tritanopia

133.2020, -24.1160, -3.4760

Trichromacy



Original Color

125.7060, -9.3010, -35.1970

Protanomaly

130.8450, 15.5930, -23.7910

Deuteranomaly

131.8720, 20.1310, -17.9250

Tritanomaly

130.2760, -18.9330, -14.8130

Monochromacy



Original Color

125.7060, -9.3010, -35.1970

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9420, -3.2530, -12.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7060, -9.3010, -35.1970 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(95, 151, 76)` looks like.

```
.text, #text, p{  
    color:rgb(95, 151, 76)  
}
```

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(95, 151, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 151, 76) }
```

Border

The CSS property to change the border of an element to YIQ 125.7060, -9.3010, -35.1970 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(95, 151, 76) }
```


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

```
.border{ border-color:rgb(95, 151, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 151, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 151, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 151, 76);  
box-shadow:4px 4px 4px 4px rgb(95, 151,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7060, -9.3010, -35.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 151, 76) }
```

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

```
.background{ background-color: rgb(95, 151,  
76) }
```

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