

Converting Colors

YIQ(129.7370, -7.1630, 58.2530)

Have a look what the booklet for
YIQ(129.7370, -7.1630, 58.2530)
contains.

YIQ(129.7370, -7.1630, 58.2530)	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(129.7370, -7.1630,
58.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5EED
RGB	159, 94, 237
RGB Percent	62%, 37%, 93%
CMY	0.3762, 0.6315, 0.0707
CMYK	0.33, 0.60, 0.00, 0.07
HSL	267°, 80%, 65%
HSV	267°, 60%, 93%
XYZ	33.5916, 21.4902, 82.4711
YIQ	129.7370, -7.1630, 58.2530

Conversions

Conversions Part 2

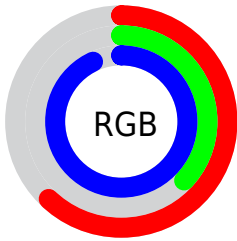
Format	Color
RYB	159, 94, 237
Decimal	10444525
CIELab	53.48, 54.02, -62.51
CIELCh	53, 82.619, 310.830
Yxy	21.4902, 0.2442, 0.1562
Android (android.graphics.Color)	4288634605 (0xFF9F5EED)
YUV	129.7370, 52.8807, 25.6637
Hunter-Lab	46.3576, 48.2187, -73.0279

Details

The YIQ color **129.7370, -7.1630, 58.2530** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **201.2630, 7.1630, -58.2530**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2420, 7.0520, 48.4280**, and **75.6720, -8.5380, 55.6380** is the 20% darker color. If you saturate the color by 10%, you get **111.7620, -8.3110, 68.0490**, and if you desaturate by 10%, it is **147.7120, -6.0150, 48.4570**.

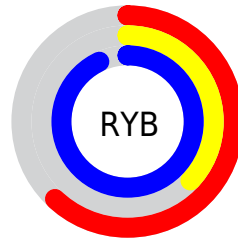
Distribution



Red (62%)

Green (37%)

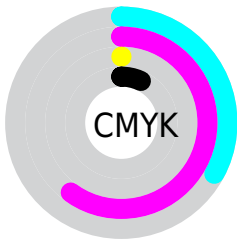
Blue (93%)



Red (62%)

Yellow (37%)

Blue (93%)

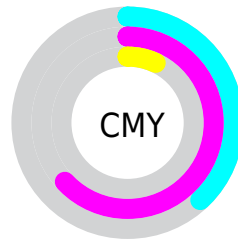


Cyan (33%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.7370, -7.1630, 58.2530 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 129.7370, -7.1630, 58.2530 by changing the saturation by 10% instead.

129.7370, -7.1630,
58.2530

129.7370, -7.1630,
58.2530

255.0000, -0.0000,
-0.0000

102.4980, -7.9880,
56.6840

180.5410, 7.6480,
48.6400

75.6720, -8.5380,
55.6380

205.6480, 17.2320,
40.1440

46.3130, -8.9050,
56.7830

224.4760, 14.3000,
27.1960

26.6230, -16.0100,
47.8780

240.9120, 6.6000,
12.5520

11.4000, -32.1000,
31.1000

8.5500, -24.0750,
23.3250

8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 129.7370, -7.1630,
58.2530

■ 129.7370, -7.1630,
58.2530

■ 111.7620, -8.3110,
68.0490

■ 147.7120, -6.0150,
48.4570

■ 94.3740, -9.7340,
77.3220

■ 165.1000, -4.5920,
39.1840

■ 76.3990, -10.8820,
87.1180

■ 183.0750, -3.4440,
29.3880

■ 59.3100, -11.7090,
96.6030

■ 201.0500, -2.2960,
19.5920

218.4380, -0.8730,
10.3190

236.4130, 0.2750,
0.5230

251.1540, 2.2020,
-6.8700

252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



104.7930, -117.3300, 11.8380



129.7370, -7.1630, 58.2530



113.7760, 68.1630, 80.7950

Triad

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



129.7370, -7.1630, 58.2530



119.9180, 84.4110, -15.4690



110.1880, -92.5630, -35.0510

Complementary

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



129.7370, -7.1630, 58.2530



201.2630, 7.1630, -58.2530

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.



99.8770, -67.6630, -56.8070



129.7370, -7.1630, 58.2530



117.5390, 42.0970, -41.5750

Square

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



129.7370, -7.1630, 58.2530



112.6980, 110.0790, 25.9750



98.8360, -16.8600, -68.9240



116.6520, -113.5200, -13.1680

Rectangle

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



129.7370, -7.1630, 58.2530



91.4940, 104.4280, 89.8680



98.8360, -16.8600, -68.9240



106.7510, -84.2630, -42.3030

Sweetspot

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



129.7370, -7.1630, 58.2530



220.5230, -2.2500, 18.7580



156.6750, -67.6280, 3.1560



106.1930, -1.5610, 11.7750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



129.7370, -7.1630, 58.2530



117.0920, -9.0000, 75.0320



150.9660, 35.1530, 73.3050



108.7490, -0.5510, 4.4810



45.1520, -9.2290, 73.6750



13.3320, -3.0300, 21.8820

Inverse Universe

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



145.6490, 60.1900, 54.5740



137.4160, 77.5640, 70.1080



180.0340, -35.1530, -73.3050



109.9730, 4.6300, 4.1980



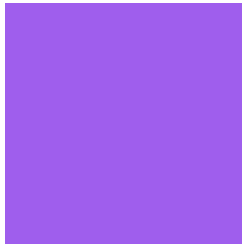
65.4050, 76.0970, 69.1610



19.4520, 22.8750, 20.4670

Previews

White Background



This preview shows how the YIQ color 129.7370, -7.1630, 58.2530 looks on a white background.

Color Contrast Check

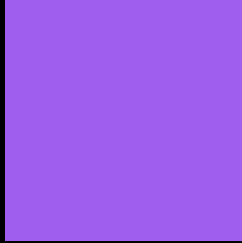
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7370, -7.1630, 58.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

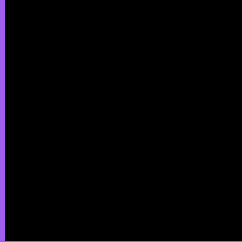
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.7370, -7.1630, 58.2530

Background



This preview shows how black text looks on a background with the YIQ color 129.7370, -7.1630, 58.2530.



This preview shows how white text looks on a background with the YIQ color 129.7370, -7.1630,

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

129.7370, -7.1630, 58.2530

Protanopia

112.9320, -92.4360, 23.2440

Deuteranopia

108.9940, -96.1470, 7.8930



Tritanopia

128.9240, 6.3260, 6.5020

Trichromacy



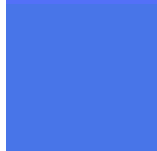
Original Color

129.7370, -7.1630, 58.2530



Protanomaly

118.8330, -60.9400, 36.1480



Deuteranomaly

116.6550, -63.7350, 26.2250



Tritanomaly

128.8920, 1.3250, 25.5570

Monochromacy



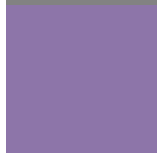
Original Color

129.7370, -7.1630, 58.2530



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.1040, -2.3880, 21.2600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7370, -7.1630, 58.2530 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, 94, 237)` looks like.

```
.text, #text, p{  
    color:rgb(159, 94, 237)  
}
```

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, 94, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 94, 237) }
```

Border

The CSS property to change the border of an element to YIQ 129.7370, -7.1630, 58.2530 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, 94, 237) }
```


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

```
.border{ border-color:rgb(159, 94, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 94, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 94, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 94, 237);  
box-shadow:4px 4px 4px 4px rgb(159, 94,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7370, -7.1630, 58.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 94, 237) }
```

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

```
.background{ background-color: rgb(159, 94,  
237) }
```

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