

Converting Colors

YIQ(159.3760, -14.3570,
34.4350)

Have a look what the booklet for
YIQ(159.3760, -14.3570, 34.4350)
contains.

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Color

**YIQ(159.3760, -14.3570,
34.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	A78DEA
RGB	167, 141, 234
RGB Percent	65%, 55%, 92%
CMY	0.3450, 0.4471, 0.0825
CMYK	0.29, 0.40, 0.00, 0.08
HSL	257°, 69%, 74%
HSV	257°, 40%, 92%
XYZ	40.3127, 33.2040, 82.1014
YIQ	159.3760, -14.3570, 34.4350

Conversions

Conversions Part 2

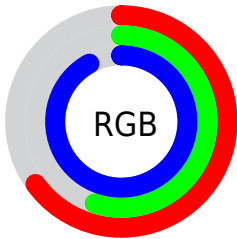
Format	Color
R _{YB}	167, 141, 234
Decimal	10980842
CIE Lab	64.33, 29.44, -43.54
CIE LCh	64, 52.561, 304.059
Yxy	33.2040, 0.2590, 0.2134
Android (android.graphics.Color)	4289170922 (0xFFA78DEA)
YUV	159.3760, 36.7896, 6.6862
Hunter-Lab	57.6229, 24.0373, -44.1406

Details

The YIQ color $159.3760, -14.3570, 34.4350$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $215.6240, 14.3570, -34.4350$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $210.5110, -1.9760, 24.8080$, and $106.6100, -15.1360, 32.0320$ is the 20% darker color. If you saturate the color by 10%, you get $140.7920, -18.1640, 42.8600$, and if you desaturate by 10%, it is $177.9600, -10.5500, 26.0100$.

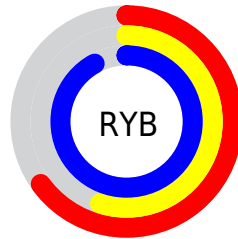
Distribution



Red (65%)

Green (55%)

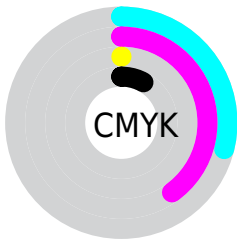
Blue (92%)



Red (65%)

Yellow (55%)

Blue (92%)

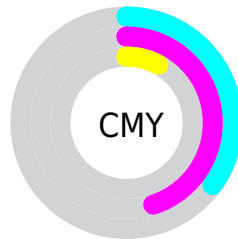


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.3760, -14.3570, 34.4350 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 159.3760, -14.3570, 34.4350 by changing the saturation by 10% instead.

■ 159.3760,
-14.3570, 34.4350

■ 159.3760,
-14.3570, 34.4350

■ 255.0000, -0.0000,
-0.0000

■ 132.5500,
-14.9070, 33.3890

■ 210.5110, -1.9760,
24.8080

■ 106.6100,
-15.1360, 32.0320

■ 235.6180, 7.6080,
16.3120

■ 82.2570, -15.6400,
30.1520

■ 253.2390, 0.8250,
1.5690

■ 57.6050, -16.7400,
28.0600

■ 33.4690, -19.3530,
25.8550

■ 8.5500, -24.0750,
23.3250

■ 5.8140, -16.3710,

15.8610

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 159.3760,
-14.3570, 34.4350

■ 159.3760,
-14.3570, 34.4350

■ 140.7920,
-18.1640, 42.8600

■ 177.9600,
-10.5500, 26.0100

■ 121.6210,
-21.6960, 51.8080

■ 197.1310, -7.0180,
17.0620

■ 103.3360,
-24.9070, 60.4450

■ 215.7150, -3.2110,
8.6370

■ 84.1650, -28.4390,
69.3930

■ 234.5870, -0.2750,
-0.5230

■ 65.5810, -32.2460,
77.8180

■ 251.4100, 4.3570,
-7.3790

■ 46.9970, -36.0530,
86.2430

■ 252.6060, 6.7410,
-6.5310

■ 46.4100, -35.7780,
86.7660

Harmonies

Analogous

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



144.7420, -77.7620, 10.6060



159.3760, -14.3570, 34.4350



160.2540, 33.1410, 43.6770

Triad

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



159.3760, -14.3570, 34.4350



153.9720, 67.1240, -5.0360



123.4270, -100.9060, -43.5460

Complementary

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



159.3760, -14.3570, 34.4350



215.6240, 14.3570, -34.4350

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.



133.8350, -49.5090, -44.3970



159.3760, -14.3570, 34.4350



150.6940, 43.6990, -26.5490

Square

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



159.3760, -14.3570, 34.4350



155.1590, 74.8680, 19.8280



145.3240, 6.3340, -37.7140



128.0840, -115.3970, -28.7170

Rectangle

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



159.3760, -14.3570, 34.4350



157.9930, 55.7450, 41.5130



145.3240, 6.3340, -37.7140



121.6030, -95.7700, -48.5220

Sweetspot

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



159.3760, -14.3570, 34.4350



230.2250, -4.5870, 11.5490



191.5180, -48.5530, -6.6410



113.5470, -2.7980, 6.6580



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.



159.3760, -14.3570, 34.4350



157.0740, -18.8980, 45.1500



172.8310, 12.4630, 43.9750



108.1510, -1.7430, 4.0570



35.8830, -27.7050, 67.1030



10.6410, -8.3940, 19.9740

Inverse Universe

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



176.4450, 33.9210, 40.5530



179.5100, 44.4640, 53.2320



202.1690, -12.4630, -43.9750



110.2010, 3.9880, 4.8200



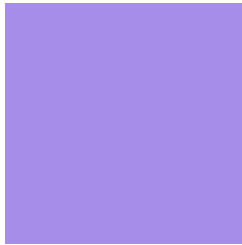
68.9390, 66.1460, 78.8020



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 159.3760, -14.3570, 34.4350 looks on a white background.

Color Contrast Check

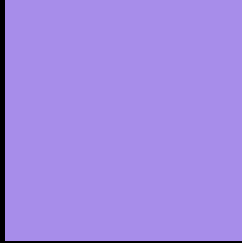
Large Text (above 18pt) WCAG AA × Fail

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 159.3760, -14.3570, 34.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

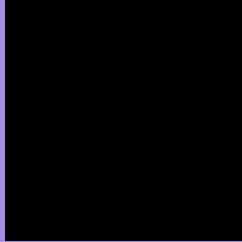
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3760, -14.3570, 34.4350

Background



This preview shows how black text looks on a background with the YIQ color 159.3760, -14.3570, 34.4350.



This preview shows how white text looks on a background with the YIQ color 159.3760, -14.3570, 34.4350.

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

159.3760, -14.3570, 34.4350

Protanopia

154.1050, -47.6870, 21.7290

Deuteranopia

154.0960, -43.4680, 16.8520



Tritanopia

156.0690, -4.4480, 3.5200

Trichromacy



Original Color

159.3760, -14.3570, 34.4350

Protanomaly

156.0850, -35.7670, 25.9690

Deuteranomaly

156.0590, -32.8780, 23.1700

Tritanomaly

157.3650, -7.7970, 14.6590

Monochromacy



Original Color

159.3760, -14.3570, 34.4350

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.8660, -4.9540, 12.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3760, -14.3570, 34.4350 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(167, 141, 234)` looks like.

```
.text, #text, p{  
    color:rgb(167, 141, 234)  
}
```

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(167, 141, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 141, 234) }
```

Border

The CSS property to change the border of an element to YIQ 159.3760, -14.3570, 34.4350 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(167, 141, 234) }
```


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

```
.border{ border-color:rgb(167, 141, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 141, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 141, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 141, 234);  
box-shadow:4px 4px 4px 4px rgb(167, 141,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3760, -14.3570, 34.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 141, 234) }
```

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

```
.background{ background-color: rgb(167,  
141, 234) }
```

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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