

Converting Colors

YIQ(149.7350, -4.8220, 43.3540)

Have a look what the booklet for
YIQ(149.7350, -4.8220, 43.3540)
contains.

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Color

**YIQ(149.7350, -4.8220,
43.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7BE5
RGB	172, 123, 229
RGB Percent	67%, 48%, 90%
CMY	0.3253, 0.5177, 0.1021
CMYK	0.25, 0.46, 0.00, 0.10
HSL	268°, 67%, 69%
HSV	268°, 46%, 90%
XYZ	38.2432, 28.5925, 77.6131
YIQ	149.7350, -4.8220, 43.3540

Conversions

Conversions Part 2

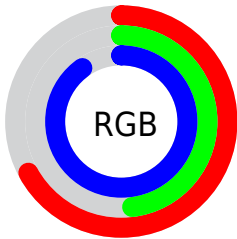
Format	Color
R_{YB}	172, 123, 229
Decimal	11303909
CIE _{Lab}	60.42, 39.73, -46.90
CIE _{LCh}	60, 61.464, 310.269
Yxy	28.5925, 0.2648, 0.1979
Android (android.graphics.Color)	4289493989 (0xFFAC7BE5)
YUV	149.7350, 39.0776, 19.5264
Hunter-Lab	53.4720, 34.0874, -48.6275

Details

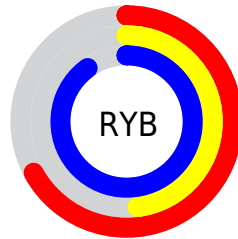
The YIQ color $149.7350, -4.8220, 43.3540$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $202.2650, 4.8220, -43.3540$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $200.8530, 6.2290, 35.8050$, and $97.5560, -5.8760, 40.4280$ is the 20% darker color. If you saturate the color by 10%, you get $132.6460, -5.6490, 52.8390$, and if you desaturate by 10%, it is $166.8240, -3.9950, 33.8690$.

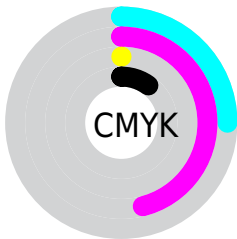
Distribution



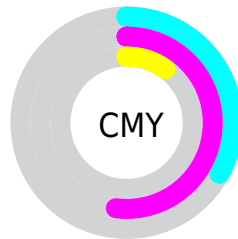
- Red (67%)
- Green (48%)
- Blue (90%)



- Red (67%)
- Yellow (48%)
- Blue (90%)



- Cyan (25%)
- Magenta (46%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (52%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.7350, -4.8220, 43.3540 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 149.7350, -4.8220, 43.3540 by changing the saturation by 10% instead.

149.7350, -4.8220,
43.3540

149.7350, -4.8220,
43.3540

255.0000, -0.0000,
-0.0000

122.9090, -5.3720,
42.3080

200.8530, 6.2290,
35.8050

97.5560, -5.8760,
40.4280

225.0630, 14.0250,
26.6730

72.3170, -6.7010,
38.8590

242.0860, 6.0500,
11.5060

47.1920, -7.8470,
37.6010

21.4800, -8.7180,
36.8660

11.5680, -15.3180,
24.3140

7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 149.7350, -4.8220,
43.3540

■ 149.7350, -4.8220,
43.3540

■ 132.6460, -5.6490,
52.8390

■ 166.8240, -3.9950,
33.8690

■ 115.2580, -7.0720,
62.1120

■ 184.2120, -2.5720,
24.5960

■ 98.1690, -7.8990,
71.5970

■ 201.3010, -1.7450,
15.1110

■ 81.0800, -8.7260,
81.0820

■ 218.3900, -0.9180,
5.6260

63.9910, -9.5530,
90.5670

235.1910, 0.7800,
-3.1240

57.8000, -10.3330,
93.6910

249.3450, 2.9820,
-9.9940

252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



133.3810, -83.8150, 15.6810



149.7350, -4.8220, 43.3540



146.9510, 47.5360, 52.6240

Triad

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



149.7350, -4.8220, 43.3540



140.8120, 73.0860, -13.9700



118.9590, -99.3480, -38.7400

Complementary

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



149.7350, -4.8220, 43.3540



202.2650, 4.8220, -43.3540

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.



111.4010, -80.8220, -55.1100



149.7350, -4.8220, 43.3540



136.5010, 45.2600, -38.3240

Square

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



149.7350, -4.8220, 43.3540



141.6670, 85.0010, 17.9050



130.1820, -5.3100, -46.9580



123.7130, -115.4900, -21.5220

Rectangle

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



149.7350, -4.8220, 43.3540



143.4080, 70.8740, 48.1700



130.1820, -5.3100, -46.9580



116.9070, -93.5700, -44.3380

Sweetspot

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



149.7350, -4.8220, 43.3540



228.1870, -1.4240, 14.8000



169.1300, -49.9760, 2.6320



111.4980, -1.1020, 8.9620



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.



149.7350, -4.8220, 43.3540



148.0360, -6.5670, 58.4650



165.2830, 26.1700, 54.3780



106.1620, -0.2760, 5.0040



45.2230, -7.9910, 73.2650



12.9900, -2.0670, 20.9490

Inverse Universe

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



161.1920, 44.8790, 40.1990



163.5350, 60.5110, 54.2630



186.7170, -26.1700, -54.3780



107.2720, 5.2260, 4.4100



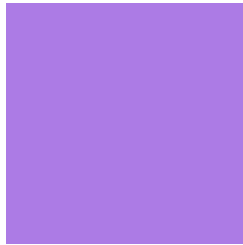
64.4650, 75.8680, 67.8040



18.3270, 21.7290, 19.2090

Previews

White Background



This preview shows how the YIQ color 149.7350, -4.8220, 43.3540 looks on a white background.

Color Contrast Check

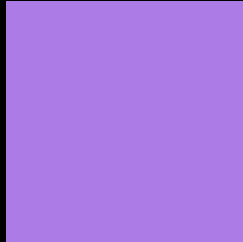
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7350, -4.8220, 43.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

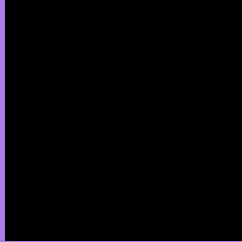
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.7350, -4.8220, 43.3540

Background



This preview shows how black text looks on a background with the YIQ color 149.7350, -4.8220, 43.3540.



This preview shows how white text looks on a background with the YIQ color 149.7350, -4.8220,

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

149.7350, -4.8220, 43.3540

Protanopia

142.0100, -57.5450, 24.1750

Deuteranopia

142.3450, -48.6030, 16.3010



Tritanopia

147.3370, 6.6010, 7.0250

Trichromacy



Original Color

149.7350, -4.8220, 43.3540



Protanomaly

144.5780, -38.4730, 30.9590



Deuteranomaly

145.0530, -32.7410, 26.1950



Tritanomaly

147.9150, 2.5180, 20.4540

Monochromacy



Original Color

149.7350, -4.8220, 43.3540



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.8280, -1.7910, 15.9450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7350, -4.8220, 43.3540 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(172, 123, 229)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 229)  
}
```

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(172, 123, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 229) }
```

Border

The CSS property to change the border of an element to YIQ 149.7350, -4.8220, 43.3540 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(172, 123, 229) }
```


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

```
.border{ border-color:rgb(172, 123, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 123, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 229);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7350, -4.8220, 43.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 229) }
```

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

```
.background{ background-color: rgb(172,  
123, 229) }
```

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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