

Converting Colors

YIQ(149.4360, -5.4180, 43.1420)

Have a look what the booklet for
YIQ(149.4360, -5.4180, 43.1420)
contains.

| | |
|--|----|
| YIQ(149.4360, -5.4180, 43.1420) | 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(149.4360, -5.4180,
43.1420)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB7BE5 |
| RGB | 171, 123, 229 |
| RGB Percent | 67%, 48%, 90% |
| CMY | 0.3292, 0.5177, 0.1021 |
| CMYK | 0.25, 0.46, 0.00, 0.10 |
| HSL | 267°, 67%, 69% |
| HSV | 267°, 46%, 90% |
| XYZ | 38.0243, 28.4797, 77.6024 |
| YIQ | 149.4360, -5.4180, 43.1420 |

Conversions

Conversions Part 2

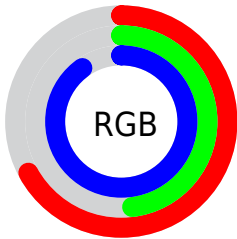
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 123, 229 |
| Decimal | 11238373 |
| CIE _{Lab} | 60.32, 39.46, -47.06 |
| CIE _{LCh} | 60, 61.415, 309.975 |
| Yxy | 28.4797, 0.2639, 0.1976 |
| Android (android.graphics.Color) | 4289428453 (0xFFAB7BE5) |
| YUV | 149.4360, 39.2251, 18.9116 |
| Hunter-Lab | 53.3664, 33.7923, -48.8597 |

Details

The YIQ color $149.4360, -5.4180, 43.1420$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $202.5640, 5.4180, -43.1420$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $200.5540, 5.6330, 35.5930$, and $97.2570, -6.4720, 40.2160$ is the 20% darker color. If you saturate the color by 10%, you get $132.3470, -6.2450, 52.6270$, and if you desaturate by 10%, it is $166.8240, -3.9950, 33.8690$.

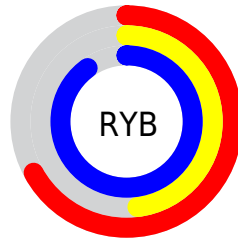
Distribution



Red (67%)

Green (48%)

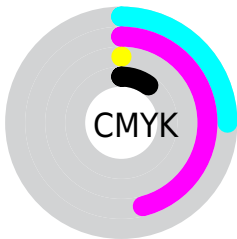
Blue (90%)



Red (67%)

Yellow (48%)

Blue (90%)

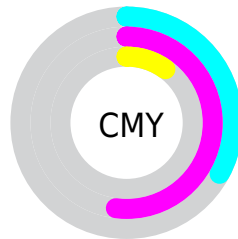


Cyan (25%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (33%)

Magenta (52%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4360, -5.4180, 43.1420 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 149.4360, -5.4180, 43.1420 by changing the saturation by 10% instead.

149.4360, -5.4180,
43.1420

149.4360, -5.4180,
43.1420

255.0000, -0.0000,
-0.0000

122.6100, -5.9680,
42.0960

200.5540, 5.6330,
35.5930

97.2570, -6.4720,
40.2160

225.0630, 14.0250,
26.6730

72.0180, -7.2970,
38.6470

242.0860, 6.0500,
11.5060

46.8930, -8.4430,
37.3890

21.1810, -9.3140,
36.6540

11.2690, -15.9140,
24.1020

7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 149.4360, -5.4180,
43.1420

■ 149.4360, -5.4180,
43.1420

■ 132.3470, -6.2450,
52.6270

■ 166.8240, -3.9950,
33.8690

■ 114.9590, -7.6680,
61.9000

■ 183.9130, -3.1680,
24.3840

■ 97.8700, -8.4950,
71.3850

■ 201.3010, -1.7450,
15.1110

■ 80.4820, -9.9180,
80.6580

■ 218.3900, -0.9180,
5.6260

63.0940, -11.3410,
89.9310

235.1910, 0.7800,
-3.1240

57.2020, -11.5250,
93.2670

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.



132.7830, -85.0070, 15.2570



149.4360, -5.4180, 43.1420



146.6520, 46.9400, 52.4120

Triad

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



149.4360, -5.4180, 43.1420



140.3390, 73.0400, -13.1360



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.



149.4360, -5.4180, 43.1420



202.5640, 5.4180, -43.1420

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.



111.2870, -80.5010, -55.4210



149.4360, -5.4180, 43.1420



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.



149.4360, -5.4180, 43.1420



141.6670, 85.0010, 17.9050



130.4810, -4.7140, -46.7460



123.5990, -115.1690, -21.8330

Rectangle

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



149.4360, -5.4180, 43.1420



143.2230, 69.9570, 48.2690



130.4810, -4.7140, -46.7460



116.7930, -93.2490, -44.6490

Sweetspot

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



149.4360, -5.4180, 43.1420



227.8880, -2.0200, 14.5880



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.



149.4360, -5.4180, 43.1420



147.7370, -7.1630, 58.2530



165.2830, 26.1700, 54.3780



105.8630, -0.8720, 4.7920



44.6250, -9.1830, 72.8410



12.6910, -2.6630, 20.7370

Inverse Universe

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



161.3060, 44.5580, 40.5100



163.6490, 60.1900, 54.5740



186.7170, -26.1700, -54.3780



107.3860, 4.9050, 4.7210



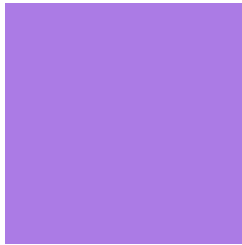
64.6930, 75.2260, 68.4260



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 149.4360, -5.4180, 43.1420 looks on a white background.

Color Contrast Check

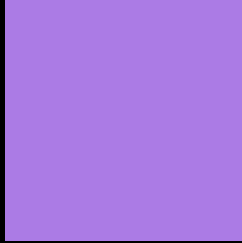
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4360, -5.4180, 43.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

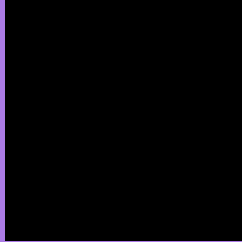
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.4360, -5.4180, 43.1420

Background



This preview shows how black text looks on a background with the YIQ color 149.4360, -5.4180, 43.1420.



This preview shows how white text looks on a background with the YIQ color 149.4360, -5.4180,

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

149.4360, -5.4180, 43.1420

Protanopia

141.5970, -57.8200, 23.6520

Deuteranopia

142.3450, -48.6030, 16.3010



Tritanopia

147.0380, 6.0050, 6.8130

Trichromacy



Original Color

149.4360, -5.4180, 43.1420



Protanomaly

144.2790, -39.0690, 30.7470



Deuteranomaly

145.0530, -32.7410, 26.1950



Tritanomaly

147.6160, 1.9220, 20.2420

Monochromacy



Original Color

149.4360, -5.4180, 43.1420



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.4150, -2.0660, 15.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4360, -5.4180, 43.1420 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(171, 123, 229)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 123, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 229) }
```

Border

The CSS property to change the border of an element to YIQ 149.4360, -5.4180, 43.1420 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(171, 123, 229) }
```


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

```
.border{ border-color:rgb(171, 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(171, 123, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 123, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 123, 229); box-shadow:4px 4px 4px 4px rgb(171, 123, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4360, -5.4180, 43.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 229) }
```

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

```
.background{ background-color: rgb(171,  
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](#).

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