

Converting Colors

YIQ(149.0030, 14.2540, 28.0300)

Have a look what the booklet for
YIQ(149.0030, 14.2540, 28.0300)
contains.

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Color

**YIQ(149.0030, 14.2540,
28.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	B47FB5
RGB	180, 127, 181
RGB Percent	71%, 50%, 71%
CMY	0.2940, 0.5020, 0.2902
CMYK	0.01, 0.30, 0.00, 0.29
HSL	299°, 27%, 60%
HSV	299°, 30%, 71%
XYZ	34.7593, 28.2176, 47.3326
YIQ	149.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

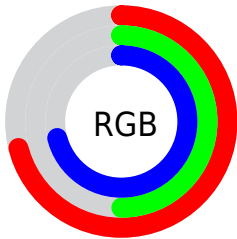
Format	Color
RYB	180, 127, 181
Decimal	11829173
CIELab	60.08, 29.61, -20.33
CIELCh	60, 35.912, 325.530
Yxy	28.2176, 0.3151, 0.2558
Android (android.graphics.Color)	4290019253 (0xFFB47FB5)
YUV	149.0030, 15.7745, 27.1844
Hunter-Lab	53.1202, 23.8413, -15.6460

Details

The YIQ color **149.0030, 14.2540, 28.0300** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158.9970, -14.2540, -28.0300**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2420, 15.0790, 29.5990**, and **97.4650, 12.8330, 26.2490** is the 20% darker color. If you saturate the color by 10%, you get **138.4370, 19.2040, 37.4440**, and if you desaturate by 10%, it is **159.5690, 9.3040, 18.6160**.

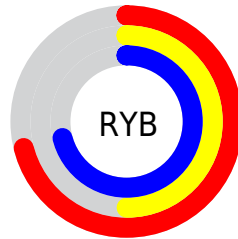
Distribution



Red (71%)

Green (50%)

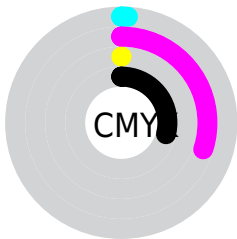
Blue (71%)



Red (71%)

Yellow (50%)

Blue (71%)

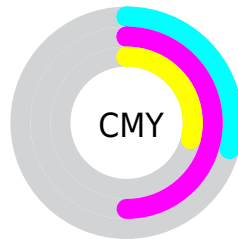


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0030, 14.2540, 28.0300 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 149.0030, 14.2540, 28.0300 by changing the saturation by 10% instead.


 149.0030, 14.2540,
28.0300


 149.0030, 14.2540,
28.0300


255.0000, -0.0000,
-0.0000


 122.5900, 13.9790,
27.5070


 203.5410, 15.6750,
29.8110


 97.4650, 12.8330,
26.2490


 227.4110, 12.9250,
24.5810

 73.0520, 12.5580,
25.7260

 244.4340, 4.9500,
9.4140

 49.3400, 11.6870,
24.9910

 25.4540, 11.3660,
25.3020

 14.0420, 9.3500,
17.7820

 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 149.0030, 14.2540,
28.0300

■ 149.0030, 14.2540,
28.0300

■ 138.4370, 19.2040,
37.4440

■ 159.5690, 9.3040,
18.6160

■ 127.5720, 23.5580,
46.6460

■ 170.4340, 4.9500,
9.4140

■ 117.0060, 28.5080,
56.0600

■ 181.0000, -0.0000,
0.0000

■ 106.4400, 33.4580,
65.4740

■ 191.5660, -4.9500,
-9.4140

■ 94.9880, 38.0870,
75.1990

■ 202.4310, -9.3040,
-18.6160

84.4220, 43.0370,
84.6130

213.5840,
-14.5290, -28.5530

73.8560, 47.9870,
94.0270

224.1500,
-19.4790, -37.9670

225.0360,
-19.1580, -38.2780

Harmonies

Analogous

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



146.1930, -18.7560, 20.5400



149.0030, 14.2540, 28.0300



148.0520, 38.9210, 27.0250

Triad

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



149.0030, 14.2540, 28.0300



142.5320, 35.9480, -12.7240



114.0010, -99.1660, -31.0220

Complementary

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



149.0030, 14.2540, 28.0300



158.9970, -14.2540, -28.0300

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.



126.4990, -56.7100, -29.5260



149.0030, 14.2540, 28.0300



139.7030, 13.1170, -22.9710

Square

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



149.0030, 14.2540, 28.0300



144.7330, 49.1040, 2.1600



134.9580, -18.5180, -27.8460



115.9980, -103.1110, -20.0950

Rectangle

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



149.0030, 14.2540, 28.0300



146.7400, 48.3670, 21.0310



134.9580, -18.5180, -27.8460



113.4480, -96.2310, -34.6550

Sweetspot

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



149.0030, 14.2540, 28.0300



221.7870, 5.4540, 11.2940



134.3300, -17.8840, 15.7480



109.3690, 3.5750, 6.7990



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



149.0030, 14.2540, 28.0300



184.5070, 22.1830, 44.0310



146.4520, 22.8750, 20.4670



83.7170, 2.4750, 4.7070



62.2920, 40.2870, 79.3830



10.4390, 6.5540, 13.3860

Inverse Universe

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



143.2600, 31.8630, 11.7590



175.6430, 50.0180, 18.6420



161.5480, -22.8750, -20.4670



82.6910, 5.3640, 1.9080



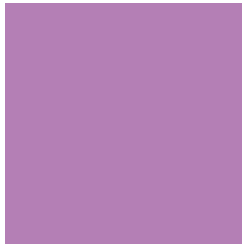
46.0890, 90.2250, 33.3690



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 149.0030, 14.2540, 28.0300 looks on a white background.

Color Contrast Check

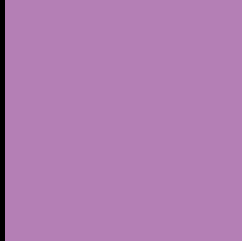
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0030, 14.2540, 28.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

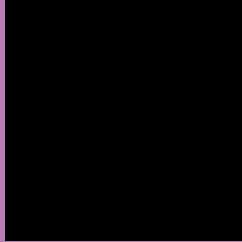
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.0030, 14.2540, 28.0300

Background



This preview shows how black text looks on a background with the YIQ color 149.0030, 14.2540, 28.0300.



This preview shows how white text looks on a background with the YIQ color 149.0030, 14.2540,

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

149.0030, 14.2540, 28.0300

Protanopia

145.1120, -23.2020, 13.0060

Deuteranopia

146.4030, -10.9600, 11.4080



Tritanopia

147.3990, 21.2260, 11.8020

Trichromacy



Original Color

149.0030, 14.2540, 28.0300

Protanomaly

146.5160, -9.5400, 18.7160

Deuteranomaly

147.4690, -2.1580, 17.0900

Tritanomaly

147.7180, 19.0700, 17.8380

Monochromacy



Original Color

149.0030, 14.2540, 28.0300

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0030, 14.2540, 28.0300 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(180, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 181)  
}
```

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(180, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 181) }
```

Border

The CSS property to change the border of an element to YIQ 149.0030, 14.2540, 28.0300 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(180, 127, 181) }
```


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

```
.border{ border-color:rgb(180, 127, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0030, 14.2540, 28.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 181) }
```

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

```
.background{ background-color: rgb(180,  
127, 181) }
```

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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