

Converting Colors

YIQ(149.4220, 14.3920, 25.5280)

Have a look what the booklet for
YIQ(149.4220, 14.3920, 25.5280)
contains.

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Color

**YIQ(149.4220, 14.3920,
25.5280)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B381B1 |
| RGB | 179, 129, 177 |
| RGB Percent | 70%, 51%, 69% |
| CMY | 0.2979, 0.4942, 0.3059 |
| CMYK | 0.00, 0.28, 0.01, 0.30 |
| HSL | 302°, 25%, 60% |
| HSV | 302°, 28%, 70% |
| XYZ | 34.3830, 28.4578, 45.2783 |
| YIQ | 149.4220, 14.3920, 25.5280 |

Conversions

Conversions Part 2

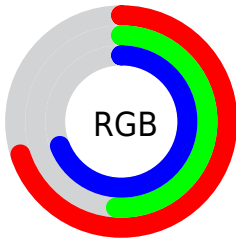
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 179, 129, 177 |
| Decimal | 11764145 |
| CIELab | 60.30, 27.38, -17.73 |
| CIElCh | 60, 32.623, 327.079 |
| Yxy | 28.4578, 0.3180, 0.2632 |
| Android (android.graphics.Color) | 4289954225 (0xFFB381B1) |
| YUV | 149.4220, 13.5960, 25.9399 |
| Hunter-Lab | 53.3458, 21.6935, -12.9815 |

Details

The YIQ color **149.4220, 14.3920, 25.5280** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158.5780, -14.3920, -25.5280**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6610, 15.2170, 27.0970**, and **97.8840, 12.9710, 23.7470** is the 20% darker color. If you saturate the color by 10%, you get **138.7420, 19.6630, 34.6310**, and if you desaturate by 10%, it is **160.1020, 9.1210, 16.4250**.

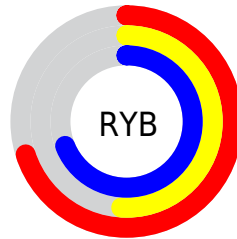
Distribution



Red (70%)

Green (51%)

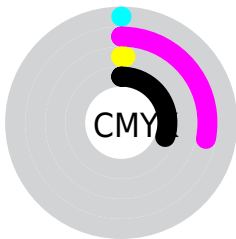
Blue (69%)



Red (70%)

Yellow (51%)

Blue (69%)

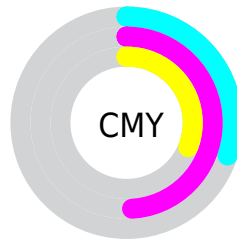


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4220, 14.3920, 25.5280 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 149.4220, 14.3920, 25.5280 by changing the saturation by 10% instead.


 149.4220, 14.3920,
25.5280


 149.4220, 14.3920,
25.5280


255.0000, -0.0000,
-0.0000


 123.0090, 14.1170,
25.0050


 203.6610, 15.2170,
27.0970


 98.1830, 13.5670,
23.9590

 228.5850, 12.3750,
23.5350

 73.4710, 12.6960,
23.2240

 245.6080, 4.4000,
8.3680

 49.7590, 11.8250,
22.4890

 26.7590, 11.8250,
22.4890

 13.8140, 9.9920,
17.1600

 0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

149.4220, 14.3920,
25.5280

149.4220, 14.3920,
25.5280

138.7420, 19.6630,
34.6310

160.1020, 9.1210,
16.4250

128.1760, 24.6130,
44.0450

170.6680, 4.1710,
7.0110

117.4960, 29.8840,
53.1480

181.3480, -1.1000,
-2.0920

106.8160, 35.1550,
62.2510

192.0280, -6.3710,
-11.1950

96.1360, 40.4260,
71.3540

202.7080,
-11.6420, -20.2980

■ 86.1570, 45.1010,
80.2450

■ 212.6870,
-16.3170, -29.1890

■ 75.4770, 50.3720,
89.3480

■ 223.3670,
-21.5880, -38.2920

■ 73.1290, 51.4720,
91.4400

■ 224.0680,
-22.1840, -38.5040

■ 224.1820,
-22.5050, -38.1930

Harmonies

Analogous

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



147.2920, -14.7210, 18.9990



149.4220, 14.3920, 25.5280



148.3890, 36.3540, 23.9860

Triad

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



149.4220, 14.3920, 25.5280



143.9060, 31.9590, -12.0170



122.6830, -80.4150, -23.9270

Complementary

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



149.4220, 14.3920, 25.5280



158.5780, -14.3920, -25.5280

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.



130.3150, -50.2000, -26.3600



149.4220, 14.3920, 25.5280



141.0880, 10.5950, -21.3170

Square

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



149.4220, 14.3920, 25.5280



146.0530, 45.2070, 1.1990



136.7240, -17.7390, -25.4430



128.5240, -75.0530, -10.9650

Rectangle

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



149.4220, 14.3920, 25.5280



148.0060, 44.5620, 18.4020



136.7240, -17.7390, -25.4430



125.1200, -71.5200, -25.4400

Sweetspot

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



149.4220, 14.3920, 25.5280



220.7330, 5.5460, 9.6260



135.2980, -14.8580, 15.9740



110.5430, 3.0250, 5.7530



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.



149.4220, 14.3920, 25.5280



185.2850, 22.6880, 40.3840



146.5720, 22.4170, 17.7530



83.7170, 2.4750, 4.7070



62.5050, 44.0010, 78.1530



10.5100, 7.7920, 12.9760

Inverse Universe

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



149.4220, 14.3920, 25.5280



185.2850, 22.6880, 40.3840



161.4280, -22.4170, -17.7530



83.7170, 2.4750, 4.7070



62.5050, 44.0010, 78.1530



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 149.4220, 14.3920, 25.5280 looks on a white background.

Color Contrast Check

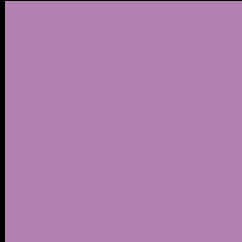
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4220, 14.3920, 25.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

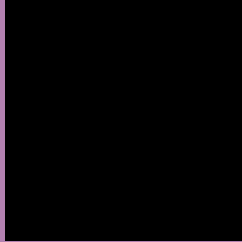
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.4220, 14.3920, 25.5280

Background



This preview shows how black text looks on a background with the YIQ color 149.4220, 14.3920, 25.5280.



This preview shows how white text looks on a background with the YIQ color 149.4220, 14.3920,

25.5280.

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

149.4220, 14.3920, 25.5280

Protanopia

146.0260, -20.0840, 11.5640

Deuteranopia

146.8440, -7.8880, 10.8000



Tritanopia

148.1000, 20.6300, 11.5900

Trichromacy



Original Color

149.4220, 14.3920, 25.5280

Protanomaly

147.4190, -7.8890, 16.3270

Deuteranomaly

147.6110, 0.3180, 16.2700

Tritanomaly

148.5930, 17.9240, 16.5800

Monochromacy



Original Color

149.4220, 14.3920, 25.5280

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3200, 5.2710, 9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4220, 14.3920, 25.5280 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(179, 129, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 177)  
}
```

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(179, 129, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 177) }
```

Border

The CSS property to change the border of an element to YIQ 149.4220, 14.3920, 25.5280 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(179, 129, 177) }
```


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

```
.border{ border-color:rgb(179, 129, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 129, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 129, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 129,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4220, 14.3920, 25.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 177) }
```

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

```
.background{ background-color: rgb(179,  
129, 177) }
```

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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