

Converting Colors

YIQ(149.5220, -0.5090, 25.7550)

Have a look what the booklet for
YIQ(149.5220, -0.5090, 25.7550)
contains.

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Color

**YIQ(149.5220, -0.5090,
25.7550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A585C2 |
| RGB | 165, 133, 194 |
| RGB Percent | 65%, 52%, 76% |
| CMY | 0.3528, 0.4785, 0.2393 |
| CMYK | 0.15, 0.31, 0.00, 0.24 |
| HSL | 272°, 33%, 64% |
| HSV | 272°, 31%, 76% |
| XYZ | 33.6450, 28.6684, 54.7918 |
| YIQ | 149.5220, -0.5090, 25.7550 |

Conversions

Conversions Part 2

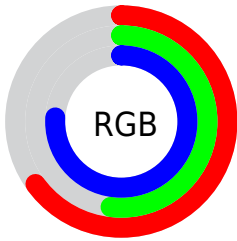
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 133, 194 |
| Decimal | 10847682 |
| CIELab | 60.49, 24.01, -27.20 |
| CIELCh | 60, 36.283, 311.428 |
| Yxy | 28.6684, 0.2873, 0.2448 |
| Android (android.graphics.Color) | 4289037762 (0xFFA585C2) |
| YUV | 149.5220, 21.9277, 13.5742 |
| Hunter-Lab | 53.5428, 18.4651, -23.1930 |

Details

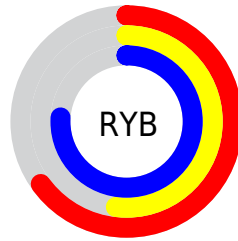
The YIQ color $149.5220, -0.5090, 25.7550$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $177.4780, 0.5090, -25.7550$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.8750, -0.0050, 27.6350$, and $98.1690, -1.0130, 23.8750$ is the 20% darker color. If you saturate the color by 10%, you get $135.6780, -0.6480, 33.7840$, and if you desaturate by 10%, it is $163.3660, -0.3700, 17.7260$.

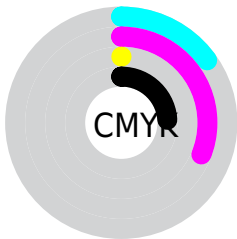
Distribution



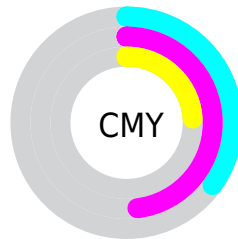
- Red (65%)
- Green (52%)
- Blue (76%)



- Red (65%)
- Yellow (52%)
- Blue (76%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5220, -0.5090, 25.7550 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 149.5220, -0.5090, 25.7550 by changing the saturation by 10% instead.

■ 149.5220, -0.5090,
25.7550

■ 149.5220, -0.5090,
25.7550

■ 255.0000, -0.0000,
-0.0000

■ 123.6960, -1.0590,
24.7090

■ 203.8750, -0.0050,
27.6350

■ 98.1690, -1.0130,
23.8750

■ 229.4380, 8.2950,
20.3830

■ 74.2290, -1.2420,
22.5180

■ 247.9560, 3.3000,
6.2760

■ 50.8160, -1.5170,
21.9950

■ 28.5770, -2.3420,
20.4260

■ 11.5940, -1.0120,
18.3480

■ 3.0950, -7.3370,

6.3190

0.0000, 0.0000,
0.0000

149.5220, -0.5090,
25.7550

149.5220, -0.5090,
25.7550

135.6780, -0.6480,
33.7840

163.3660, -0.3700,
17.7260

121.2470, -0.5120,
42.3360

177.7970, -0.5060,
9.1740

107.1040, -1.2470,
50.1530

191.9400, 0.2290,
1.3570

92.6730, -1.1110,
58.7050

206.3710, 0.0930,
-7.1950

78.8290, -1.2500,
66.7340

220.2150, 0.2320,
-15.2240

64.9850, -1.3890,
74.7630

234.0590, 0.3710,
-23.2530

52.6140, -1.4820,
81.9580

240.2720, 4.0850,
-24.4830

243.2620, 10.0450,
-22.3630

245.9530, 15.4090,
-20.4550

Harmonies

Analogous

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



144.1090, -36.3150, 13.8690



149.5220, -0.5090, 25.7550



149.5440, 28.7880, 28.9480

Triad

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



149.5220, -0.5090, 25.7550



144.8260, 44.1080, -6.4200



117.1670, -88.0700, -33.8780

Complementary

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



149.5220, -0.5090, 25.7550



177.4780, 0.5090, -25.7550

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.



131.9650, -37.5910, -29.1030



149.5220, -0.5090, 25.7550



142.2700, 24.7620, -19.2540

Square

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



149.5220, -0.5090, 25.7550



146.6290, 52.6330, 9.7930



138.2110, -3.1130, -26.1930



115.8250, -104.3020, -26.0460

Rectangle

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



149.5220, -0.5090, 25.7550



148.6780, 42.9100, 26.3180



138.2110, -3.1130, -26.1930



124.8830, -66.6590, -30.9390

Sweetspot

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



149.5220, -0.5090, 25.7550



236.0960, 0.0900, 9.3860



156.9770, -27.5560, 3.8040



117.1020, -0.0470, 6.3610



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.



149.5220, -0.5090, 25.7550



182.7800, -0.6950, 40.1450



158.0790, 17.0960, 31.5920



89.6350, -0.2300, 4.1700



43.4700, -1.6170, 67.8790



8.8450, -0.4610, 13.8670

Inverse Universe

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



154.5450, 27.0470, 21.9510



190.5350, 42.1750, 34.1350



168.9210, -17.0960, -31.5920



90.5600, 4.3550, 3.6750



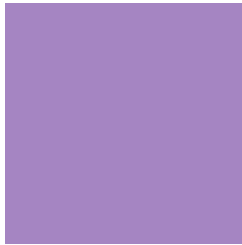
56.8030, 71.5600, 57.7680



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 149.5220, -0.5090, 25.7550 looks on a white background.

Color Contrast Check

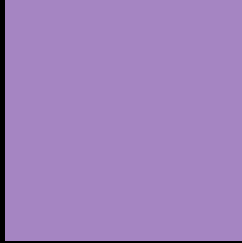
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5220, -0.5090, 25.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

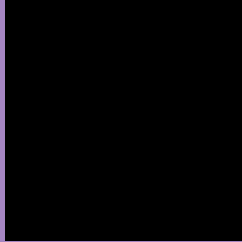
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5220, -0.5090, 25.7550

Background



This preview shows how black text looks on a background with the YIQ color 149.5220, -0.5090, 25.7550.



This preview shows how white text looks on a background with the YIQ color 149.5220, -0.5090,

25.7550.

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

149.5220, -0.5090, 25.7550

Protanopia

145.8280, -28.1540, 14.6460

Deuteranopia

146.7810, -20.7720, 13.0200



Tritanopia

147.3370, 6.6010, 7.0250

Trichromacy



Original Color

149.5220, -0.5090, 25.7550

Protanomaly

147.0250, -18.3430, 18.5610

Deuteranomaly

147.8360, -13.4370, 17.7550

Tritanomaly

148.1830, 4.3990, 13.8950

Monochromacy



Original Color

149.5220, -0.5090, 25.7550

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7970, -0.5060, 9.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5220, -0.5090, 25.7550 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(165, 133, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 194)  
}
```

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(165, 133, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 194) }
```

Border

The CSS property to change the border of an element to YIQ 149.5220, -0.5090, 25.7550 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(165, 133, 194) }
```


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

```
.border{ border-color:rgb(165, 133, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5220, -0.5090, 25.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 194) }
```

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

```
.background{ background-color: rgb(165,  
133, 194) }
```

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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