

Converting Colors

YIQ(149.4210, 16.1330, 32.5250)

Have a look what the booklet for
YIQ(149.4210, 16.1330, 32.5250)
contains.

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Color

**YIQ(149.4210, 16.1330,
32.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	B97CBB
RGB	185, 124, 187
RGB Percent	73%, 49%, 73%
CMY	0.2743, 0.5138, 0.2666
CMYK	0.01, 0.34, 0.00, 0.27
HSL	298°, 32%, 61%
HSV	298°, 34%, 73%
XYZ	36.1934, 28.3171, 50.5740
YIQ	149.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

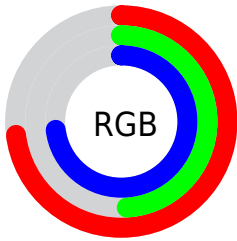
Format	Color
RYB	185, 124, 187
Decimal	12156091
CIELab	60.17, 34.07, -23.55
CIELCh	60, 41.422, 325.345
Yxy	28.3171, 0.3145, 0.2461
Android (android.graphics.Color)	4290346171 (0xFFB97CBB)
YUV	149.4210, 18.5264, 31.2028
Hunter-Lab	53.2138, 28.2829, -19.0992

Details

The YIQ color **149.4210, 16.1330, 32.5250** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.5790, -16.1330, -32.5250**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9590, 17.5540, 34.3060**, and **97.8830, 14.7120, 30.7440** is the 20% darker color. If you saturate the color by 10%, you get **137.9690, 20.7620, 42.2500**, and if you desaturate by 10%, it is **160.8730, 11.5040, 22.8000**.

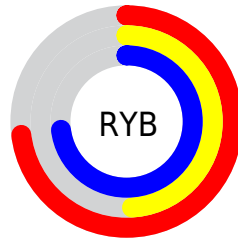
Distribution



Red (73%)

Green (49%)

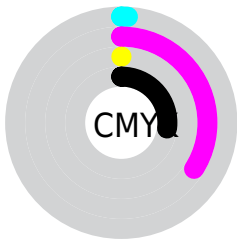
Blue (73%)



Red (73%)

Yellow (49%)

Blue (73%)

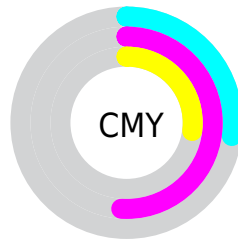


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4210, 16.1330, 32.5250 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 149.4210, 16.1330, 32.5250 by changing the saturation by 10% instead.

■ 149.4210, 16.1330,
32.5250

■ 149.4210, 16.1330,
32.5250

■ 255.0000, -0.0000,
-0.0000

■ 123.0080, 15.8580,
32.0020

■ 203.9590, 17.5540,
34.3060

■ 97.8830, 14.7120,
30.7440

■ 225.6500, 13.7500,
26.1500

■ 72.4700, 14.4370,
30.2210

■ 242.6730, 5.7750,
10.9830

■ 48.1710, 13.8410,
30.0090

■ 23.2850, 13.5200,
30.3200

■ 15.2100, 8.9370,
19.7610

■ 2.2970, -5.0900,

4.1420

0.0000, 0.0000,
0.0000

149.4210, 16.1330,
32.5250

149.4210, 16.1330,
32.5250

137.9690, 20.7620,
42.2500

160.8730, 11.5040,
22.8000

127.4030, 25.7120,
51.6640

171.4390, 6.5540,
13.3860

115.9510, 30.3410,
61.3890

182.8910, 1.9250,
3.6610

104.7980, 35.5660,
71.3260

194.0440, -3.3000,
-6.2760

93.3460, 40.1950,
81.0510

204.9090, -7.6540,
-15.4780

82.7800, 45.1450,
90.4650

216.3610,
-12.2830, -25.2030

75.4370, 47.8490,
96.5290

227.5140,
-17.5080, -35.1400

227.8130,
-16.9120, -34.9280

Harmonies

Analogous

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



146.6210, -22.8370, 22.9150



149.4210, 16.1330, 32.5250



147.6230, 44.7430, 31.6470

Triad

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



149.4210, 16.1330, 32.5250



142.2890, 40.9460, -15.1980



115.6310, -101.0000, -30.8240

Complementary

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



149.4210, 16.1330, 32.5250



161.5790, -16.1330, -32.5250

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.



116.7840, -79.8620, -39.4620



149.4210, 16.1330, 32.5250



138.6660, 14.5390, -26.7170

Square

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



149.4210, 16.1330, 32.5250



144.7400, 56.3940, 2.2020



133.0560, -21.9100, -32.4540



116.5890, -109.2090, -19.7130

Rectangle

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



149.4210, 16.1330, 32.5250



146.3820, 55.4270, 25.2430



133.0560, -21.9100, -32.4540



114.8500, -97.4230, -35.0790

Sweetspot

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



149.4210, 16.1330, 32.5250



227.6130, 6.0040, 12.3400



132.3560, -20.7730, 18.5470



113.7820, 3.8500, 7.3220



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



149.4210, 16.1330, 32.5250



184.1640, 24.8870, 50.0950



146.7130, 26.6340, 23.9300



88.7170, 2.4750, 4.7070



63.7590, 40.4700, 81.5740



12.5040, 7.9290, 16.0010

Inverse Universe

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



143.0650, 36.9060, 13.9780



174.3450, 56.8490, 21.4970



164.2870, -26.6340, -23.9300



87.6910, 5.3640, 1.9080



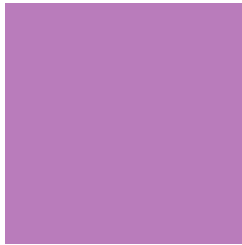
47.8120, 92.5630, 35.0510



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 149.4210, 16.1330, 32.5250 looks on a white background.

Color Contrast Check

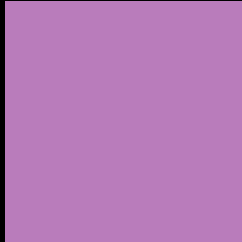
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4210, 16.1330, 32.5250 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 149.4210, 16.1330, 32.5250

Background



This preview shows how black text looks on a background with the YIQ color 149.4210, 16.1330, 32.5250.



This preview shows how white text looks on a background with the YIQ color 149.4210, 16.1330,

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

149.4210, 16.1330, 32.5250

Protanopia

145.2410, -27.8790, 15.1690

Deuteranopia

146.7770, -14.9490, 12.1150



Tritanopia

147.8940, 24.2060, 12.8620

Trichromacy



Original Color

149.4210, 16.1330, 32.5250

Protanomaly

146.8410, -11.8330, 21.7270

Deuteranomaly

147.5660, -3.8090, 19.4790

Tritanomaly

148.5550, 21.0870, 19.8310

Monochromacy



Original Color

149.4210, 16.1330, 32.5250

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2000, 5.7290, 11.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4210, 16.1330, 32.5250 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(185, 124, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 187)  
}
```

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(185, 124, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 187) }
```

Border

The CSS property to change the border of an element to YIQ 149.4210, 16.1330, 32.5250 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(185, 124, 187) }
```


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

```
.border{ border-color:rgb(185, 124, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 124, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4210, 16.1330, 32.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 187) }
```

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

```
.background{ background-color: rgb(185,  
124, 187) }
```

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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