

# Converting Colors

YIQ(183.4210, 16.1330, 32.5250)

Have a look what the booklet for  
YIQ(183.4210, 16.1330, 32.5250)  
contains.

<b>YIQ(183.4210, 16.1330, 32.5250)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(183.4210, 16.1330,  
32.5250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9EDD
RGB	219, 158, 221
RGB Percent	86%, 62%, 87%
CMY	0.1410, 0.3805, 0.1333
CMYK	0.01, 0.29, 0.00, 0.13
HSL	298°, 48%, 74%
HSV	298°, 29%, 87%
XYZ	54.5017, 44.7331, 74.1711
YIQ	183.4210, 16.1330, 32.5250

# Conversions

## Conversions Part 2

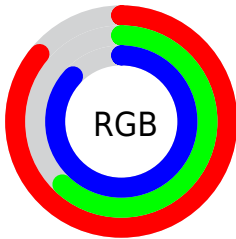
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 158, 221
Decimal	14393053
CIE Lab	72.72, 33.00, -23.02
CIE LCh	73, 40.234, 325.102
Yxy	44.7331, 0.3143, 0.2580
Android (android.graphics.Color)	4292583133 (0xFFDB9EDD)
YUV	183.4210, 18.5264, 31.2028
Hunter-Lab	66.8828, 28.4120, -18.9330

# Details

The YIQ color **183.4210, 16.1330, 32.5250** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.5790, -16.1330, -32.5250**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3460, 11.5500, 21.9660**, and **129.8830, 14.7120, 30.7440** is the 20% darker color. If you saturate the color by 10%, you get **170.2080, 21.5870, 43.8190**, and if you desaturate by 10%, it is **196.6340, 10.6790, 21.2310**.

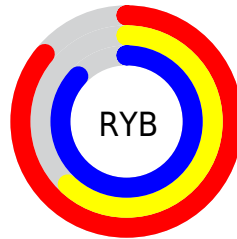
# Distribution



Red (86%)

Green (62%)

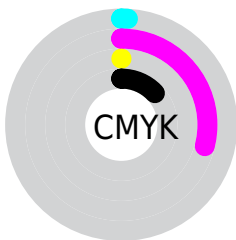
Blue (87%)



Red (86%)

Yellow (62%)

Blue (87%)

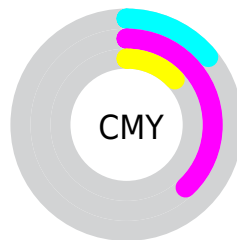


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (38%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.4210, 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 183.4210, 16.1330, 32.5250 by changing the saturation by 10% instead.



183.4210, 16.1330,  
32.5250

183.4210, 16.1330,  
32.5250

255.0000, -0.0000,  
-0.0000

156.0080, 15.8580,  
32.0020

230.3460, 11.5500,  
21.9660

129.8830, 14.7120,  
30.7440

247.3690, 3.5750,  
6.7990

104.0570, 14.1620,  
29.6980

78.7580, 13.5660,  
29.4860

54.9320, 13.0160,  
28.4400

29.4590, 12.9700,  
29.2740

16.5630, 9.4410,

21.6410

■ 2.3940, -6.7410,  
6.5310

■ 0.0000, 0.0000,  
0.0000

■ 183.4210, 16.1330,  
32.5250

■ 183.4210, 16.1330,  
32.5250

■ 170.2080, 21.5870,  
43.8190

■ 196.6340, 10.6790,  
21.2310

■ 157.2940, 27.6370,  
55.3250

■ 209.5480, 4.6290,  
9.7250

■ 144.0810, 33.0910,  
66.6190

■ 222.7610, -0.8250,  
-1.5690

■ 130.8680, 38.5450,  
77.9130

■ 235.9740, -6.2790,  
-12.8630

■ 117.3670, 44.8700,  
89.9420

■ 241.2570, -8.7540,  
-17.5700

■ 104.1540, 50.3240,  
101.2360

■ 241.5560, -8.1580,  
-17.3580

■ 90.9410, 55.7780,  
112.5300

■ 241.8550, -7.5620,  
-17.1460

■ 89.1800, 56.6030,  
114.0990

■ 242.1540, -6.9660,  
-16.9340

# Harmonies

## Analogous

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



180.3330, -21.9660, 23.6500



183.4210, 16.1330, 32.5250



182.5090, 45.0640, 31.3360

# Triad

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



183.4210, 16.1330, 32.5250



176.3000, 42.4130, -14.2510



139.9380, -121.2180, -38.8660

# Complementary

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



183.4210, 16.1330, 32.5250



195.5790, -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.



158.7430, -63.4490, -34.0490



183.4210, 16.1330, 32.5250



172.8510, 15.4560, -26.8160

# Square

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



183.4210, 16.1330, 32.5250



178.6370, 58.1820, 2.8380



167.5400, -20.3970, -32.3410



151.7850, -106.8250, -18.8650



# Rectangle

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



183.4210, 16.1330, 32.5250



181.1540, 56.0690, 24.6210



167.5400, -20.3970, -32.3410



148.4370, -97.6980, -35.6020

# Sweetspot

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



183.4210, 16.1330, 32.5250



241.2000, 5.7290, 11.8170



166.3560, -20.7730, 18.5470



118.8960, 3.5290, 7.6330



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.



183.4210, 16.1330, 32.5250



203.0340, 22.1370, 44.8650



180.7130, 26.6340, 23.9300



103.2440, 2.4290, 5.5410



69.9540, 44.5950, 89.4190



18.4000, 11.4580, 23.6340



# Inverse Universe

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



177.0650, 36.9060, 13.9780



194.3550, 50.8890, 19.3770



198.2870, -26.6340, -23.9300



102.2890, 6.5560, 2.3320



52.2970, 101.5030, 38.2310

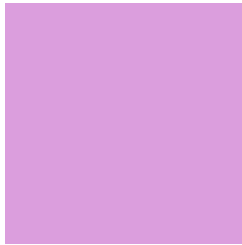


13.8680, 27.0950, 10.0630



# Previews

## White Background



This preview shows how the YIQ color 183.4210, 16.1330, 32.5250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

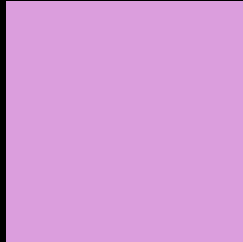
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 183.4210, 16.1330, 32.5250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

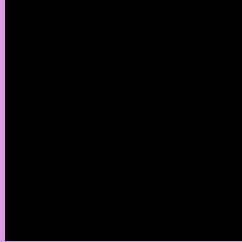
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 183.4210, 16.1330, 32.5250

## Background



This preview shows how black text looks on a background with the YIQ color 183.4210, 16.1330, 32.5250.



This preview shows how white text looks on a background with the YIQ color 183.4210, 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

183.4210, 16.1330, 32.5250

### Protanopia

179.3120, -26.6410, 14.7590

### Deuteranopia

180.2010, -13.2070, 13.5850



## Tritanopia

181.5350, 23.8390, 14.0070

# Trichromacy



## Original Color

183.4210, 16.1330, 32.5250



## Protanomaly

180.6130, -11.1910, 21.1050



## Deuteranomaly

181.5770, -2.3420, 20.4260



## Tritanomaly

182.0820, 21.0410, 20.6650

# Monochromacy



## Original Color

183.4210, 16.1330, 32.5250



## Achromatopsia

183.0000, -0.0000, -0.0000



## Achromatomaly

183.2000, 5.7290, 11.8170

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.4210, 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(219, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 221)  
}
```

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(219, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 221) }
```

## Border

The CSS property to change the border of an element to YIQ 183.4210, 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(219, 158, 221) }
```



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

```
.border{ border-color:rgb(219, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
221) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.4210, 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(219, 158, 221) }
```

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

```
.background{ background-color: rgb(219,  
158, 221) }
```

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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