

Converting Colors

YIQ(185.4270, 15.9960, 29.5000)

Have a look what the booklet for
YIQ(185.4270, 15.9960, 29.5000)
contains.

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Color

**YIQ(185.4270, 15.9960,
29.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA2DA
RGB	219, 162, 218
RGB Percent	86%, 64%, 85%
CMY	0.1410, 0.3648, 0.1451
CMYK	0.00, 0.26, 0.00, 0.14
HSL	301°, 44%, 75%
HSV	301°, 26%, 86%
XYZ	54.7982, 45.9613, 72.3164
YIQ	185.4270, 15.9960, 29.5000

Conversions

Conversions Part 2

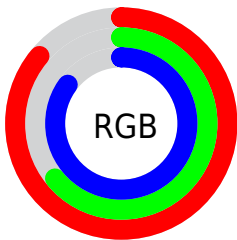
Format	Color
R _Y B	219, 162, 218
Decimal	14394074
CIE Lab	73.52, 30.28, -20.15
CIE LCh	74, 36.375, 326.358
Yxy	45.9613, 0.3166, 0.2656
Android (android.graphics.Color)	4292584154 (0xFFDBA2DA)
YUV	185.4270, 16.0585, 29.4435
Hunter-Lab	67.7948, 25.6399, -15.7881

Details

The YIQ color **185.4270, 15.9960, 29.5000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.5730, -15.9960, -29.5000**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **131.8890, 14.5750, 27.7190** is the 20% darker color. If you saturate the color by 10%, you get **172.5130, 22.0460, 41.0060**, and if you desaturate by 10%, it is **198.3410, 9.9460, 17.9940**.

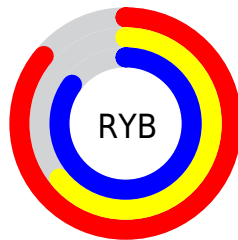
Distribution



Red (86%)

Green (64%)

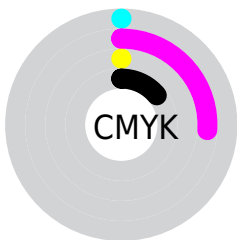
Blue (85%)



Red (86%)

Yellow (64%)

Blue (85%)

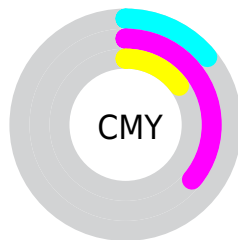


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (36%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.4270, 15.9960, 29.5000 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 185.4270, 15.9960, 29.5000 by changing the saturation by 10% instead.

 185.4270, 15.9960,
29.5000


 185.4270, 15.9960,
29.5000


255.0000, -0.0000,
-0.0000


 158.0140, 15.7210,
28.9770


 232.6940, 10.4500,
19.8740


 131.8890, 14.5750,
27.7190

 249.7170, 2.4750,
4.7070

 106.4760, 14.3000,
27.1960

 80.7640, 13.4290,
26.4610

 57.0520, 12.5580,
25.7260

 33.0520, 12.5580,
25.7260

 16.3350, 10.0830,

21.0190

■ 2.1660, -6.0990,
5.9090

■ 0.0000, 0.0000,
0.0000

■ 185.4270, 15.9960,
29.5000

■ 185.4270, 15.9960,
29.5000

■ 172.5130, 22.0460,
41.0060

■ 198.3410, 9.9460,
17.9940

■ 159.4850, 28.4170,
52.2010

■ 211.3690, 3.5750,
6.7990

■ 146.5710, 34.4670,
63.7070

■ 224.2830, -2.4750,
-4.7070

■ 133.5430, 40.8380,
74.9020

■ 237.3110, -8.8460,
-15.9020

120.6290, 46.8880,
86.4080

240.2460,
-10.2210, -18.5170

108.3020, 52.6630,
97.3910

240.3600,
-10.5420, -18.2060

95.2740, 59.0340,
108.5860

240.4740,
-10.8630, -17.8950

89.9910, 61.5090,
113.2930

Harmonies

Analogous

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



182.4320, -17.9310, 22.1090



185.4270, 15.9960, 29.5000



184.5470, 41.9010, 28.0850

Triad

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



185.4270, 15.9960, 29.5000



178.7880, 38.1030, -13.2330



157.6930, -86.3750, -26.0470

Complementary

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



185.4270, 15.9960, 29.5000



195.5730, -15.9960, -29.5000

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.



163.6840, -55.7930, -29.6250



185.4270, 15.9960, 29.5000



175.7630, 12.8880, -24.3280

Square

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



185.4270, 15.9960, 29.5000



181.4730, 52.7720, 1.7640



170.8330, -19.6640, -29.1040



163.3920, -83.4890, -12.2650

Rectangle

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



185.4270, 15.9960, 29.5000



184.0070, 51.9890, 21.4690



170.8330, -19.6640, -29.1040



159.4180, -78.3510, -28.2950

Sweetspot

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



185.4270, 15.9960, 29.5000



243.2600, 5.5000, 10.4600



168.7970, -17.7010, 17.9390



120.2550, 3.8960, 6.4880



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.



185.4270, 15.9960, 29.5000



208.5130, 22.0460, 41.0060



182.2350, 24.9840, 20.7920



103.4290, 3.3460, 5.4420



71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Inverse Universe

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



185.4270, 15.9960, 29.5000



208.5130, 22.0460, 41.0060



198.7650, -24.9840, -20.7920



103.4290, 3.3460, 5.4420



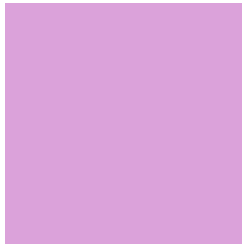
71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 185.4270, 15.9960, 29.5000 looks on a white background.

Color Contrast Check

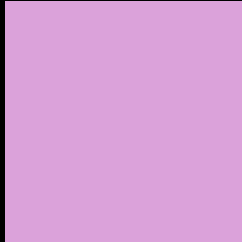
Large Text (above 18pt) WCAG AA × Fail

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 185.4270, 15.9960, 29.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

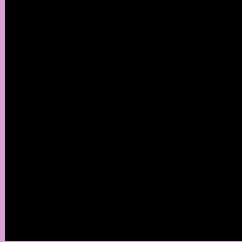
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.4270, 15.9960, 29.5000

Background



This preview shows how black text looks on a background with the YIQ color 185.4270, 15.9960, 29.5000.



This preview shows how white text looks on a background with the YIQ color 185.4270, 15.9960,

29.5000.

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

185.4270, 15.9960, 29.5000

Protanopia

181.5250, -22.9270, 13.5290

Deuteranopia

182.8270, -9.2180, 12.8780



Tritanopia

183.9370, 22.6470, 13.5830

Trichromacy



Original Color

185.4270, 15.9960, 29.5000



Protanomaly

183.2280, -8.6690, 19.4510



Deuteranomaly

183.8930, -0.4160, 18.5600



Tritanomaly

184.2560, 20.4910, 19.6190

Monochromacy



Original Color

185.4270, 15.9960, 29.5000



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

185.2600, 5.5000, 10.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.4270, 15.9960, 29.5000 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, 162, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 162, 218)  
}
```

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, 162, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 162, 218) }
```

Border

The CSS property to change the border of an element to YIQ 185.4270, 15.9960, 29.5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

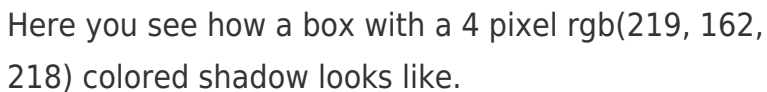
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 162, 218) }
```


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

```
.border{ border-color:rgb(219, 162, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 162, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 162, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 162, 218); box-shadow:4px 4px 4px 4px rgb(219, 162, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 185.4270, 15.9960, 29.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 162, 218) }
```

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

```
.background{ background-color: rgb(219,  
162, 218) }
```

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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