

Converting Colors

YIQ(199.6500, 4.5820, 16.0860)

Have a look what the booklet for
YIQ(199.6500, 4.5820, 16.0860)
contains.

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Color

**YIQ(199.6500, 4.5820,
16.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BCDE
RGB	214, 188, 222
RGB Percent	84%, 74%, 87%
CMY	0.1607, 0.2628, 0.1294
CMYK	0.04, 0.15, 0.00, 0.13
HSL	286°, 34%, 80%
HSV	286°, 15%, 87%
XYZ	58.9032, 55.5350, 76.7206
YIQ	199.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

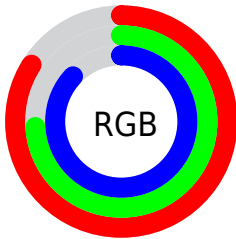
Format	Color
R_{YB}	214, 188, 222
Decimal	14073054
CIE _{Lab}	79.35, 15.30, -13.58
CIE _{LCh}	79, 20.458, 318.423
Yxy	55.5350, 0.3081, 0.2905
Android (android.graphics.Color)	4292263134 (0xFFD6BCDE)
YUV	199.6500, 11.0186, 12.5850
Hunter-Lab	74.5218, 10.6761, -8.8741

Details

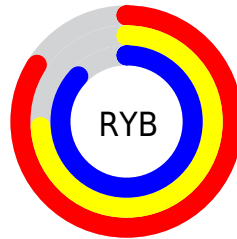
The YIQ color $199.6500, 4.5820, 16.0860$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.3500, -4.5820, -16.0860$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $145.8240, 4.0320, 15.0400$ is the 20% darker color. If you saturate the color by 10%, you get $185.2410, 7.6520, 26.5320$, and if you desaturate by 10%, it is $214.0590, 1.5120, 5.6400$.

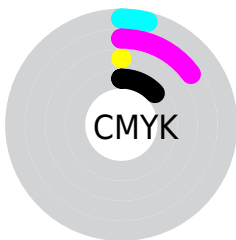
Distribution



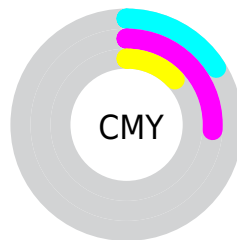
- Red (84%)
- Green (74%)
- Blue (87%)



- Red (84%)
- Yellow (74%)
- Blue (87%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.6500, 4.5820, 16.0860 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 199.6500, 4.5820, 16.0860 by changing the saturation by 10% instead.

■ 199.6500, 4.5820,
16.0860

■ 199.6500, 4.5820,
16.0860

■ 255.0000, -0.0000,
-0.0000

■ 172.2370, 4.3070,
15.5630

■ 248.5430, 3.0250,
5.7530

■ 145.8240, 4.0320,
15.0400

■ 119.7100, 4.3530,
14.7290

■ 94.9980, 3.4820,
13.9940

■ 71.4710, 3.5280,
13.1600

■ 48.4710, 3.5280,
13.1600

■ 27.3460, 2.3820,

11.9020

■ 7.8190, 2.4280,
11.0680

■ 0.0000, 0.0000,
0.0000

■ 199.6500, 4.5820,
16.0860

■ 199.6500, 4.5820,
16.0860

■ 185.2410, 7.6520,
26.5320

■ 214.0590, 1.5120,
5.6400

■ 170.8320, 10.7220,
36.9780

■ 228.4680, -1.5580,
-4.8060

■ 155.5370, 13.4710,
47.7350

■ 243.7630, -4.3070,
-15.5630

■ 141.1280, 16.5410,
58.1810

■ 245.2580, -1.3270,
-14.5030

126.7190, 19.6110,
68.6270

246.7530, 1.6530,
-13.4430

112.3100, 22.6810,
79.0730

248.2480, 4.6330,
-12.3830

97.9010, 25.7510,
89.5190

249.7430, 7.6130,
-11.3230

82.6060, 28.5000,
100.2760

251.2380, 10.5930,
-10.2630

76.1380, 30.0580,
105.0820

Harmonies

Analogous

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



197.1360, -14.5820, 10.9700



199.6500, 4.5820, 16.0860



200.1480, 20.6750, 16.2830

Triad

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



199.6500, 4.5820, 16.0860



196.7130, 25.4930, -4.9630



189.4620, -36.9520, -13.1440

Complementary

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



199.6500, 4.5820, 16.0860



210.3500, -4.5820, -16.0860

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.



189.8840, -23.7010, -16.5090



199.6500, 4.5820, 16.0860



194.5540, 12.5190, -12.1290

Square

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



199.6500, 4.5820, 16.0860



198.4030, 32.5980, 3.9420



192.1650, -5.4990, -15.9870



190.4220, -39.4750, -5.9630

Rectangle

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



199.6500, 4.5820, 16.0860



199.8730, 28.6990, 14.0350



192.1650, -5.4990, -15.9870



189.2620, -33.5130, -14.8970

Sweetspot

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



199.6500, 4.5820, 16.0860



246.4720, 1.7870, 6.1630



196.5720, -13.1140, 6.3900



122.7060, 1.0080, 3.7600



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.



199.6500, 4.5820, 16.0860



224.7090, 6.0940, 21.7260



201.0160, 12.2390, 14.9830



104.9450, 1.8330, 5.3290



60.4290, 23.9640, 83.3560



16.5350, 6.6440, 22.7720

Inverse Universe

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



199.0780, 17.6960, 9.6960



224.0080, 23.8850, 13.1730



208.8700, -11.9180, -15.2940



104.6310, 5.5930, 3.2650



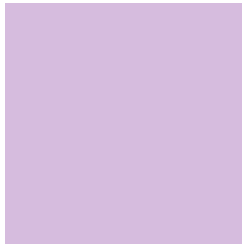
57.2980, 91.7350, 50.0630



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 199.6500, 4.5820, 16.0860 looks on a white background.

Color Contrast Check

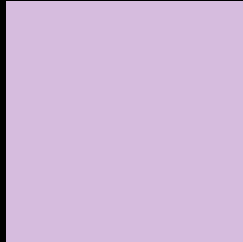
Large Text (above 18pt) WCAG AA × Fail

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 199.6500, 4.5820, 16.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

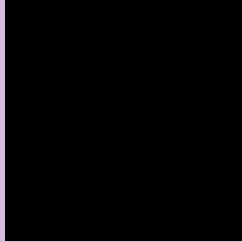
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.6500, 4.5820, 16.0860

Background



This preview shows how black text looks on a background with the YIQ color 199.6500, 4.5820, 16.0860.



This preview shows how white text looks on a background with the YIQ color 199.6500, 4.5820,

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

199.6500, 4.5820, 16.0860

Protanopia

197.4520, -12.6560, 9.1040

Deuteranopia

198.8940, -2.1570, 11.5630



Tritanopia

198.9890, 7.7010, 9.1170

Trichromacy



Original Color

199.6500, 4.5820, 16.0860

Protanomaly

197.8550, -6.4210, 11.7470

Deuteranomaly

199.5030, 0.5020, 12.9340

Tritanomaly

199.3850, 6.6460, 11.7180

Monochromacy



Original Color

199.6500, 4.5820, 16.0860

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.6500, 4.5820, 16.0860 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(214, 188, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 222)  
}
```

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(214, 188, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 222) }
```

Border

The CSS property to change the border of an element to YIQ 199.6500, 4.5820, 16.0860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

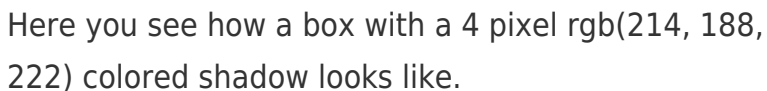
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 188, 222) }
```


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

```
.border{ border-color:rgb(214, 188, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 188, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 188, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 188, 222); box-shadow:4px 4px 4px 4px rgb(214, 188, 222) }
```

Background

The CSS property to change the background color of an element to YIQ 199.6500, 4.5820, 16.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 222) }
```

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

```
.background{ background-color: rgb(214,  
188, 222) }
```

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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