

Converting Colors

YIQ(205.4400, 13.9810, 16.4530)

Have a look what the booklet for
YIQ(205.4400, 13.9810, 16.4530)
contains.

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Color

**YIQ(205.4400, 13.9810,
16.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BFDA
RGB	229, 191, 218
RGB Percent	90%, 75%, 85%
CMY	0.1018, 0.2510, 0.1451
CMYK	0.00, 0.17, 0.05, 0.10
HSL	317°, 42%, 82%
HSV	317°, 17%, 90%
XYZ	63.6052, 58.9796, 74.3676
YIQ	205.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

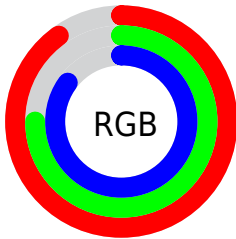
Format	Color
R _Y B	229, 191, 218
Decimal	15056858
CIE Lab	81.28, 18.03, -8.41
CIE LCh	81, 19.894, 335.002
Yxy	58.9796, 0.3229, 0.2995
Android (android.graphics.Color)	4293246938 (0xFFE5BFDA)
YUV	205.4400, 6.1921, 20.6621
Hunter-Lab	76.7982, 13.4391, -3.6548

Details

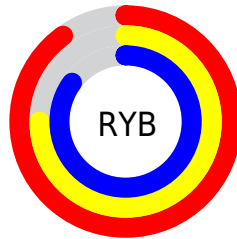
The YIQ color $205.4400, 13.9810, 16.4530$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $214.5600, -13.9810, -16.4530$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.2000, 4.1840$, and $150.7280, 13.1100, 15.7180$ is the 20% darker color. If you saturate the color by 10%, you get $191.1410, 22.5530, 26.3050$, and if you desaturate by 10%, it is $219.7390, 5.4090, 6.6010$.

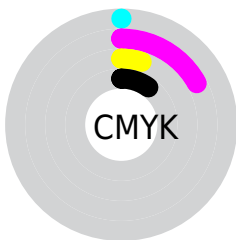
Distribution



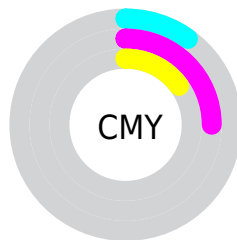
- Red (90%)
- Green (75%)
- Blue (85%)



- Red (90%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4400, 13.9810, 16.4530 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 205.4400, 13.9810, 16.4530 by changing the saturation by 10% instead.

■ 205.4400, 13.9810,
16.4530

■ 205.4400, 13.9810,
16.4530

255.0000, -0.0000,
-0.0000

■ 178.0270, 13.7060,
15.9300

■ 250.3040, 2.2000,
4.1840

■ 150.7280, 13.1100,
15.7180

■ 125.0160, 12.2390,
14.9830

■ 99.9020, 12.5600,
14.6720

■ 75.8910, 11.0930,
13.7250

■ 52.5920, 10.4970,
13.5130

■ 30.8800, 9.6260,

12.7780

■ 11.4780, 10.8180,
13.2020

■ 0.0000, 0.0000,
0.0000

■ 205.4400, 13.9810,
16.4530

■ 205.4400, 13.9810,
16.4530

■ 191.1410, 22.5530,
26.3050

■ 219.7390, 5.4090,
6.6010

■ 176.9560, 30.8040,
36.4680

■ 233.9240, -2.8420,
-3.5620

■ 162.6570, 39.3760,
46.3200

■ 245.2880,
-10.0390, -10.7990

■ 148.3580, 47.9480,
56.1720

■ 246.0860,
-12.2860, -8.6220

■ 134.1730, 56.1990,
66.3350

■ 246.7700,
-14.2120, -6.7560

■ 120.4610, 64.4960,
75.6640

■ 247.2260,
-15.4960, -5.5120

■ 106.2760, 72.7470,
85.8270

■ 91.9770, 81.3190,
95.6790

■ 87.0530, 84.1610,
99.2410

Harmonies

Analogous

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



203.9910, -3.8080, 13.9520



205.4400, 13.9810, 16.4530



205.3890, 27.1860, 13.9220

Triad

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



205.4400, 13.9810, 16.4530



201.0710, 18.4330, -9.1750



195.3140, -39.2910, -9.2990

Complementary

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



205.4400, 13.9810, 16.4530



214.5600, -13.9810, -16.4530

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.



194.9310, -31.0830, -14.8830



205.4400, 13.9810, 16.4530



198.4110, 2.6160, -14.3760

Square

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



205.4400, 13.9810, 16.4530



202.5010, 29.2060, -0.6660



196.4890, -15.2190, -16.0430



197.6230, -35.4870, -1.1430

Rectangle

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



205.4400, 13.9810, 16.4530



204.9070, 31.3590, 9.8790



196.4890, -15.2190, -16.0430



194.6300, -37.3650, -11.1650

Sweetspot

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



205.4400, 13.9810, 16.4530



246.9130, 4.8590, 5.5550



198.6210, -5.6420, 14.1500



122.9620, 3.1630, 3.2510



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.



205.4400, 13.9810, 16.4530



223.3530, 18.8400, 22.0080



203.2740, 20.0800, 10.5440



107.5000, 4.5840, 5.0320



67.9990, 65.9170, 77.4450



19.3530, 18.8400, 22.0080

Inverse Universe

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



205.4400, 13.9810, 16.4530



223.3530, 18.8400, 22.0080



216.7260, -20.0800, -10.5440



107.5000, 4.5840, 5.0320



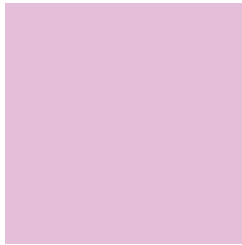
67.9990, 65.9170, 77.4450



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 205.4400, 13.9810, 16.4530 looks on a white background.

Color Contrast Check

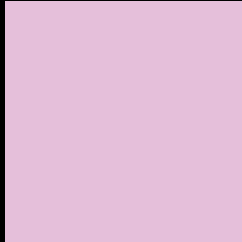
Large Text (above 18pt) WCAG AA × Fail

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 205.4400, 13.9810, 16.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

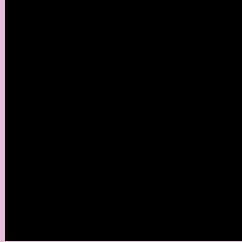
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.4400, 13.9810, 16.4530

Background



This preview shows how black text looks on a background with the YIQ color 205.4400, 13.9810, 16.4530.



This preview shows how white text looks on a background with the YIQ color 205.4400, 13.9810,

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

205.4400, 13.9810, 16.4530

Protanopia

203.0240, -8.5750, 6.7290

Deuteranopia

204.0750, 4.5830, 10.5590



Tritanopia

205.1750, 16.0450, 12.0850

Trichromacy



Original Color

205.4400, 13.9810, 16.4530

Protanomaly

203.7370, -0.2770, 10.5310

Deuteranomaly

204.3960, 8.1130, 12.6650

Tritanomaly

205.0440, 15.0360, 13.8520

Monochromacy



Original Color

205.4400, 13.9810, 16.4530

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.3260, 5.1340, 6.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4400, 13.9810, 16.4530 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(229, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 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(229, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 218) }
```

Border

The CSS property to change the border of an element to YIQ 205.4400, 13.9810, 16.4530 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(229, 191, 218) }
```


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

```
.border{ border-color:rgb(229, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4400, 13.9810, 16.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 218) }
```

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

```
.background{ background-color: rgb(229,  
191, 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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