

Converting Colors

YIQ(216.2580, 18.1500, 34.5180)

Have a look what the booklet for
YIQ(216.2580, 18.1500, 34.5180)
contains.

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Color

**YIQ(216.2580, 18.1500,
34.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDFF
RGB	255, 189, 255
RGB Percent	100%, 74%, 100%
CMY	0.0000, 0.2589, 0.0000
CMYK	0.00, 0.26, 0.00, 0.00
HSL	300°, 100%, 87%
HSV	300°, 26%, 100%
XYZ	77.4817, 64.8633, 103.0439
YIQ	216.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

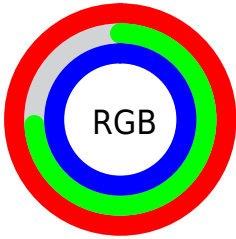
Format	Color
R _Y B	255, 189, 255
Decimal	16760319
CIE Lab	84.41, 34.26, -23.23
CIE LCh	84, 41.397, 325.860
Yxy	64.8633, 0.3158, 0.2643
Android (android.graphics.Color)	4294950399 (0xFFFFBDF5)
YUV	216.2580, 19.0998, 33.9767
Hunter-Lab	80.5378, 30.7855, -19.4820

Details

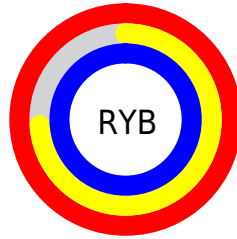
The YIQ color $216.2580, 18.1500, 34.5180$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $227.7420, -18.1500, -34.5180$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $160.7200, 16.7290, 32.7370$ is the 20% darker color. If you saturate the color by 10%, you get $200.9960, 25.3000, 48.1160$, and if you desaturate by 10%, it is $230.9330, 11.2750, 21.4430$.

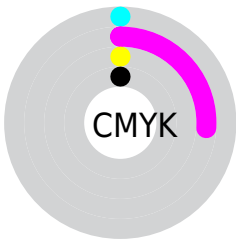
Distribution



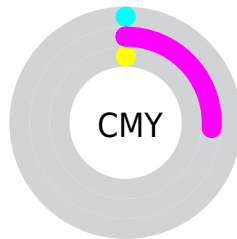
- Red (100%)
- Green (74%)
- Blue (100%)



- Red (100%)
- Yellow (74%)
- Blue (100%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2580, 18.1500, 34.5180 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 216.2580, 18.1500, 34.5180 by changing the saturation by 10% instead.

 216.2580, 18.1500,
34.5180


 216.2580, 18.1500,
34.5180


255.0000, -0.0000,
-0.0000


 188.4320, 17.6000,
33.4720


 249.7170, 2.4750,
4.7070

 160.7200, 16.7290,
32.7370

 134.3070, 16.4540,
32.2140

 108.4810, 15.9040,
31.1680

 82.7690, 15.0330,
30.4330

 58.3560, 14.7580,
29.9100

 33.5840, 14.1160,

30.5320

■ 18.2150, 10.5410,
23.7330

■ 6.2530, -1.7900,
10.4180

■ 216.2580, 18.1500,
34.5180

■ 216.2580, 18.1500,
34.5180

■ 200.9960, 25.3000,
48.1160

■ 230.9330, 11.2750,
21.4430

■ 186.3210, 32.1750,
61.1910

■ 246.1950, 4.1250,
7.8450

■ 171.0590, 39.3250,
74.7890

255.0000, -0.0000,
-0.0000

■ 156.3840, 46.2000,
87.8640

■ 141.1220, 53.3500,
101.4620

■ 126.4470, 60.2250,
114.5370

■ 111.1850, 67.3750,
128.1350

■ 105.3150, 70.1250,
133.3650

Harmonies

Analogous

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



210.4230, -13.7120, 17.2320



216.2580, 18.1500, 34.5180



207.3440, 32.2270, 27.1950

Triad

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



216.2580, 18.1500, 34.5180



208.3280, 45.2100, -15.3820



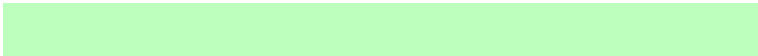
183.0330, -102.1920, -31.2480

Complementary

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



216.2580, 18.1500, 34.5180



227.7420, -18.1500, -34.5180

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.



190.8460, -65.2370, -34.6850



216.2580, 18.1500, 34.5180



204.7970, 15.5480, -28.4840

Square

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



216.2580, 18.1500, 34.5180



206.2940, 51.7180, -1.1620



198.8170, -22.7350, -34.0230



187.1470, -93.3450, -20.8730

Rectangle

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



216.2580, 18.1500, 34.5180



204.2660, 40.8940, 18.7980



198.8170, -22.7350, -34.0230



185.2420, -92.6550, -33.3830

Sweetspot

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



216.2580, 18.1500, 34.5180



243.2600, 5.5000, 10.4600



196.5240, -21.1860, 20.5260



120.3690, 3.5750, 6.7990



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.



216.2580, 18.1500, 34.5180



208.6270, 21.7250, 41.3170



212.4960, 28.7430, 24.2550



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

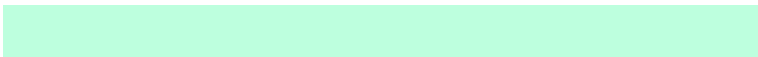
The Inverse Universe completely reimagines the original color for something new.



216.2580, 18.1500, 34.5180



208.6270, 21.7250, 41.3170



231.5040, -28.7430, -24.2550



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 216.2580, 18.1500, 34.5180 looks on a white background.

Color Contrast Check

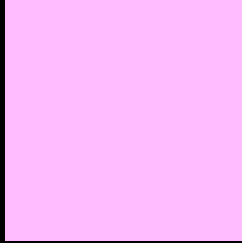
Large Text (above 18pt) WCAG AA × Fail

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 216.2580, 18.1500, 34.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

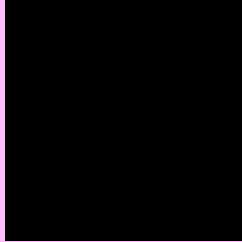
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.2580, 18.1500, 34.5180

Background



This preview shows how black text looks on a background with the YIQ color 216.2580, 18.1500, 34.5180.



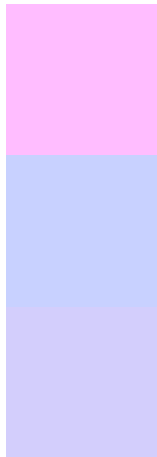
This preview shows how white text looks on a background with the YIQ color 216.2580, 18.1500,

34.5180.

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

216.2580, 18.1500, 34.5180

Protanopia

211.5530, -20.1300, 12.3980

Deuteranopia

212.7390, -11.7860, 15.3660



Tritanopia

214.2580, 26.1770, 15.6890

Trichromacy



Original Color

216.2580, 18.1500, 34.5180



Protanomaly

213.4240, -6.2850, 20.2990



Deuteranomaly

214.1150, -0.9210, 22.2070



Tritanomaly

214.9190, 23.0580, 22.6580

Monochromacy



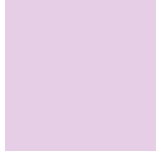
Original Color

216.2580, 18.1500, 34.5180



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.9120, 6.6000, 12.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2580, 18.1500, 34.5180 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(255, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 255)  
}
```

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(255, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 255) }
```

Border

The CSS property to change the border of an element to YIQ 216.2580, 18.1500, 34.5180 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(255, 189, 255) }
```


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

```
.border{ border-color:rgb(255, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2580, 18.1500, 34.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 255) }
```

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

```
.background{ background-color: rgb(255,  
189, 255) }
```

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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