

Converting Colors

YIQ(203.0130, 17.4620, 35.9740)

Have a look what the booklet for
YIQ(203.0130, 17.4620, 35.9740)
contains.

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Color

**YIQ(203.0130, 17.4620,
35.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AFF5
RGB	242, 175, 245
RGB Percent	95%, 69%, 96%
CMY	0.0508, 0.3138, 0.0392
CMYK	0.01, 0.29, 0.00, 0.04
HSL	297°, 78%, 82%
HSV	297°, 29%, 96%
XYZ	68.4423, 56.1283, 93.6158
YIQ	203.0130, 17.4620, 35.9740

Conversions

Conversions Part 2

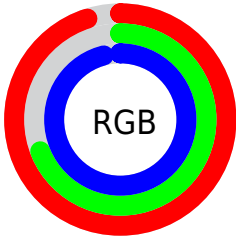
Format	Color
R _Y B	242, 175, 245
Decimal	15904757
CIE Lab	79.69, 35.72, -25.20
CIE LCh	80, 43.712, 324.794
Yxy	56.1283, 0.3137, 0.2572
Android (android.graphics.Color)	4294094837 (0xFF2AFF5)
YUV	203.0130, 20.6996, 34.1916
Hunter-Lab	74.9188, 31.9612, -21.6435

Details

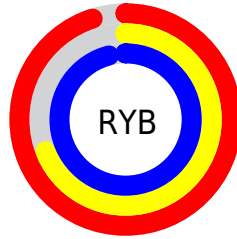
The YIQ color $203.0130, 17.4620, 35.9740$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.9870, -17.4620, -35.9740$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $148.4750, 16.0410, 34.1930$ is the 20% darker color. If you saturate the color by 10%, you get $188.0390, 23.7410, 48.8370$, and if you desaturate by 10%, it is $217.4000, 11.4580, 23.6340$.

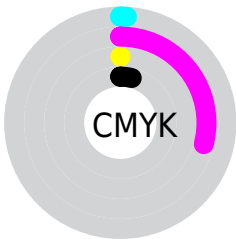
Distribution



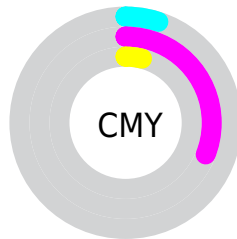
- Red (95%)
- Green (69%)
- Blue (96%)



- Red (95%)
- Yellow (69%)
- Blue (96%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.0130, 17.4620, 35.9740 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 203.0130, 17.4620, 35.9740 by changing the saturation by 10% instead.

■ 203.0130, 17.4620,
35.9740

■ 203.0130, 17.4620,
35.9740

255.0000, -0.0000,
-0.0000

■ 175.1870, 16.9120,
34.9280

■ 240.9120, 6.6000,
12.5520

■ 148.4750, 16.0410,
34.1930

■ 121.6490, 15.4910,
33.1470

■ 96.2360, 15.2160,
32.6240

■ 71.5240, 14.3450,
31.8890

■ 46.2250, 13.7490,
31.6770

■ 23.3990, 13.1990,

30.6310

■ 15.3240, 8.6160,
20.0720

■ 2.5250, -5.7320,
4.7640

■ 203.0130, 17.4620,
35.9740

■ 203.0130, 17.4620,
35.9740

■ 188.0390, 23.7410,
48.8370

■ 217.4000, 11.4580,
23.6340

■ 173.6520, 29.7450,
61.1770

■ 232.3740, 5.1790,
10.7710

■ 158.6780, 36.0240,
74.0400

■ 246.7610, -0.8250,
-1.5690

■ 144.2910, 42.0280,
86.3800

■ 251.1690, -2.1540,
-5.0180

129.3170, 48.3070,
99.2430

251.4680, -1.5580,
-4.8060

114.9300, 54.3110,
111.5830

251.7670, -0.9620,
-4.5940

99.9560, 60.5900,
124.4460

252.0660, -0.3660,
-4.3820

98.1950, 61.4150,
126.0150

252.3650, 0.2300,
-4.1700

252.6640, 0.8260,
-3.9580

Harmonies

Analogous

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



198.0080, -19.6730, 20.6390



203.0130, 17.4620, 35.9740



197.1710, 40.2040, 31.3080

Triad

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



203.0130, 17.4620, 35.9740



195.2850, 46.7690, -16.1030



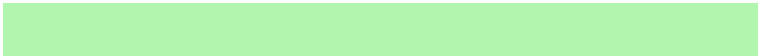
154.7730, -134.0550, -43.0070

Complementary

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



203.0130, 17.4620, 35.9740



216.9870, -17.4620, -35.9740

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.



175.5140, -70.2340, -37.7380



203.0130, 17.4620, 35.9740



191.0530, 17.7030, -28.9930

Square

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



203.0130, 17.4620, 35.9740



195.7790, 60.6580, 2.0180



185.0620, -22.0470, -35.4790



166.0500, -118.0570, -24.5610

Rectangle

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



203.0130, 17.4620, 35.9740



194.0930, 48.8710, 22.9110



185.0620, -22.0470, -35.4790



163.4570, -109.6180, -39.8420

Sweetspot

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



203.0130, 17.4620, 35.9740



241.2000, 5.7290, 11.8170



184.7410, -23.2950, 20.2010



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.



203.0130, 17.4620, 35.9740



202.7350, 21.5410, 44.6530



200.2620, 29.5220, 26.6580



114.9560, 3.3000, 6.2760



74.4260, 46.3820, 95.5820



23.4700, 14.4370, 30.2210

Inverse Universe

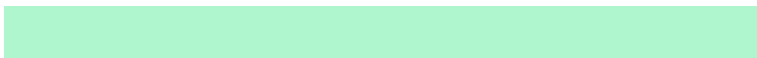
The Inverse Universe completely reimagines the original color for something new.



196.2720, 40.7570, 15.7730



194.4690, 50.5680, 19.6880



219.6240, -29.2010, -26.9690



113.7020, 6.8310, 2.8550



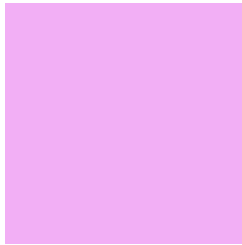
56.5260, 108.2880, 41.9200



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 203.0130, 17.4620, 35.9740 looks on a white background.

Color Contrast Check

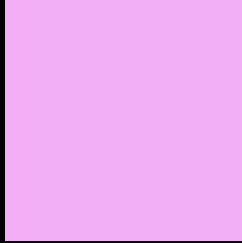
Large Text (above 18pt) WCAG AA × Fail

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 203.0130, 17.4620, 35.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

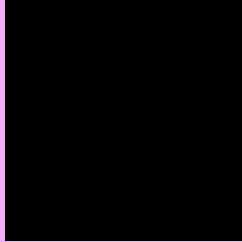
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.0130, 17.4620, 35.9740

Background



This preview shows how black text looks on a background with the YIQ color 203.0130, 17.4620, 35.9740.



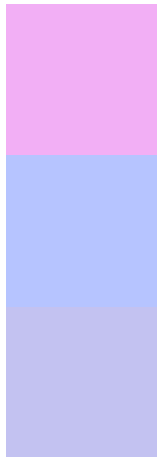
This preview shows how white text looks on a background with the YIQ color 203.0130, 17.4620,

35.9740.

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

203.0130, 17.4620, 35.9740

Protanopia

198.5400, -27.2830, 15.3810

Deuteranopia

199.6570, -14.4910, 14.8290



Tritanopia

201.1440, 26.4980, 15.3780

Trichromacy



Original Color

203.0130, 17.4620, 35.9740



Protanomaly

199.9660, -10.6870, 22.9850



Deuteranomaly

200.7450, -2.7550, 22.4050



Tritanomaly

201.9190, 23.0580, 22.6580

Monochromacy



Original Color

203.0130, 17.4620, 35.9740



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.0260, 6.2790, 12.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.0130, 17.4620, 35.9740 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(242, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 245)  
}
```

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(242, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 245) }
```

Border

The CSS property to change the border of an element to YIQ 203.0130, 17.4620, 35.9740 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(242, 175, 245) }
```


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

```
.border{ border-color:rgb(242, 175, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 175, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 175, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 175,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 203.0130, 17.4620, 35.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 245) }
```

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

```
.background{ background-color: rgb(242,  
175, 245) }
```

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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