

Converting Colors

YIQ(217.0960, 18.4260, 29.5140)

Have a look what the booklet for
YIQ(217.0960, 18.4260, 29.5140)
contains.

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Color

**YIQ(217.0960, 18.4260,
29.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC1F7
RGB	253, 193, 247
RGB Percent	99%, 76%, 97%
CMY	0.0077, 0.2432, 0.0313
CMYK	0.00, 0.24, 0.02, 0.01
HSL	306°, 94%, 87%
HSV	306°, 24%, 99%
XYZ	76.3785, 65.7358, 96.6648
YIQ	217.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

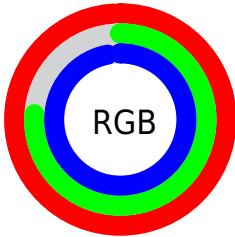
Format	Color
R _Y B	253, 193, 247
Decimal	16630263
CIE Lab	84.86, 30.10, -18.32
CIE LCh	85, 35.241, 328.675
Yxy	65.7358, 0.3199, 0.2753
Android (android.graphics.Color)	4294820343 (0xFFFD C1F7)
YUV	217.0960, 14.7427, 31.4878
Hunter-Lab	81.0776, 26.2687, -13.9342

Details

The YIQ color $217.0960, 18.4260, 29.5140$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $228.9040, -18.4260, -29.5140$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $161.9710, 17.2800, 28.2560$ is the 20% darker color. If you saturate the color by 10%, you get $202.0790, 26.2640, 41.6560$, and if you desaturate by 10%, it is $232.1130, 10.5880, 17.3720$.

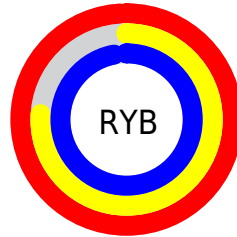
Distribution



Red (99%)

Green (76%)

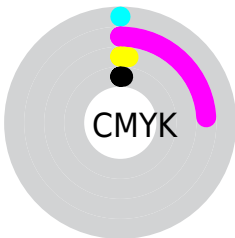
Blue (97%)



Red (99%)

Yellow (76%)

Blue (97%)

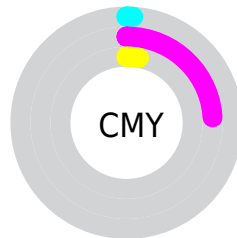


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (24%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.0960, 18.4260, 29.5140 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 217.0960, 18.4260, 29.5140 by changing the saturation by 10% instead.


 217.0960, 18.4260,
29.5140


 217.0960, 18.4260,
29.5140


255.0000, -0.0000,
-0.0000


 189.2700, 17.8760,
28.4680


 252.0650, 1.3750,
2.6150

 161.9710, 17.2800,
28.2560

 135.1450, 16.7300,
27.2100

 109.4330, 15.8590,
26.4750

 84.7210, 14.9880,
25.7400

 60.3080, 14.7130,
25.2170

 36.7100, 13.5210,

24.7930

■ 17.2320, 11.8710,
21.6550

■ 5.2700, -0.4600,
8.3400

■ 217.0960, 18.4260,
29.5140

■ 217.0960, 18.4260,
29.5140

■ 202.0790, 26.2640,
41.6560

■ 232.1130, 10.5880,
17.3720

■ 186.5890, 34.0560,
54.6320

■ 247.6030, 2.7960,
4.3960

■ 171.5720, 41.8940,
66.7740

254.4020, -1.1920,
-0.4240

■ 156.6690, 49.4110,
79.2270

■ 141.0650, 57.5240,
91.8920

■ 126.1620, 65.0410,
104.3450

■ 111.1450, 72.8790,
116.4870

■ 101.6390, 77.6000,
124.5440

Harmonies

Analogous

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



213.1030, -9.8150, 18.1930



217.0960, 18.4260, 29.5140



210.5240, 31.5400, 23.1240

Triad

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



217.0960, 18.4260, 29.5140



210.0760, 37.2320, -13.9680



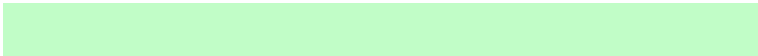
193.5200, -78.3980, -21.9340

Complementary

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



217.0960, 18.4260, 29.5140



228.9040, -18.4260, -29.5140

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.



196.5100, -55.2430, -28.5790



217.0960, 18.4260, 29.5140



206.9800, 10.7790, -24.6530

Square

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



217.0960, 18.4260, 29.5140



210.2550, 47.4540, -0.9780



202.0500, -21.7730, -29.4290



196.7370, -71.3390, -12.1950

Rectangle

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



217.0960, 18.4260, 29.5140



208.4890, 38.6480, 15.4480



202.0500, -21.7730, -29.4290



194.0490, -72.7580, -25.0300

Sweetspot

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



217.0960, 18.4260, 29.5140



244.2060, 5.5920, 8.7920



201.6340, -15.6840, 19.9320



121.3150, 3.6670, 5.1310



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.



217.0960, 18.4260, 29.5140



212.5250, 21.7720, 34.9560



213.6760, 28.0560, 20.1840



120.1410, 4.2170, 6.1770



76.7170, 58.6240, 93.9840



25.6340, 19.8470, 31.2950

Inverse Universe

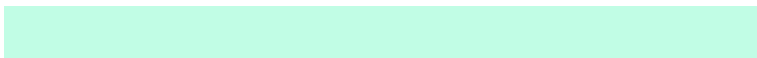
The Inverse Universe completely reimagines the original color for something new.



217.0960, 18.4260, 29.5140



212.5250, 21.7720, 34.9560



232.3240, -28.0560, -20.1840



120.1410, 4.2170, 6.1770



76.7170, 58.6240, 93.9840



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 217.0960, 18.4260, 29.5140 looks on a white background.

Color Contrast Check

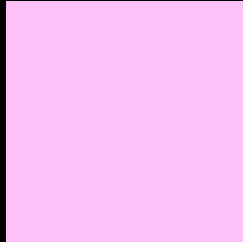
Large Text (above 18pt) WCAG AA × Fail

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 217.0960, 18.4260, 29.5140 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 217.0960, 18.4260, 29.5140

Background



This preview shows how black text looks on a background with the YIQ color 217.0960, 18.4260, 29.5140.



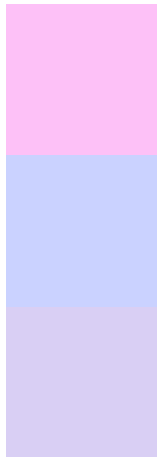
This preview shows how white text looks on a background with the YIQ color 217.0960, 18.4260,

29.5140.

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

217.0960, 18.4260, 29.5140

Protanopia

212.7380, -19.2130, 12.2990

Deuteranopia

214.2080, -5.9170, 13.6270



Tritanopia

215.6600, 24.9850, 15.2650

Trichromacy



Original Color

217.0960, 18.4260, 29.5140



Protanomaly

214.5550, -5.2760, 18.5320



Deuteranomaly

215.2740, 2.8850, 19.3090



Tritanomaly

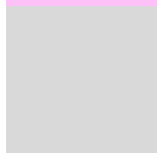
216.1530, 22.2790, 20.2550

Monochromacy



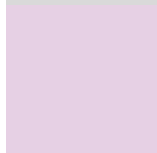
Original Color

217.0960, 18.4260, 29.5140



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

216.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0960, 18.4260, 29.5140 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(253, 193, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 193, 247)  
}
```

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(253, 193, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 193, 247) }
```

Border

The CSS property to change the border of an element to YIQ 217.0960, 18.4260, 29.5140 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(253, 193, 247) }
```


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

```
.border{ border-color:rgb(253, 193, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 193, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 193, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 193, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 193,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0960, 18.4260, 29.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 193, 247) }
```

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

```
.background{ background-color: rgb(253,  
193, 247) }
```

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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