

Converting Colors

YIQ(210.2160, 35.1630, 18.0350)

Have a look what the booklet for
YIQ(210.2160, 35.1630, 18.0350)
contains.

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Color

**YIQ(210.2160, 35.1630,
18.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDCA
RGB	255, 189, 202
RGB Percent	100%, 74%, 79%
CMY	0.0000, 0.2589, 0.2077
CMYK	0.00, 0.26, 0.21, 0.00
HSL	348°, 100%, 87%
HSV	348°, 26%, 100%
XYZ	70.0962, 61.9091, 64.1528
YIQ	210.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

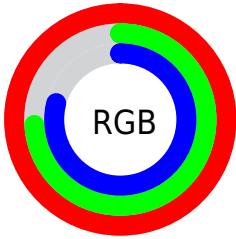
Format	Color
R _Y B	255, 189, 202
Decimal	16760266
CIE Lab	82.87, 25.60, 2.79
CIE LCh	83, 25.749, 6.220
Yxy	61.9091, 0.3573, 0.3156
Android (android.graphics.Color)	4294950346 (0xFFFFBDCA)
YUV	210.2160, -4.0505, 39.2756
Hunter-Lab	78.6823, 21.3273, 6.7362

Details

The YIQ color **210.2160, 35.1630, 18.0350** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **233.7840, -35.1630, -18.0350**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.4750, 4.7070**, and **155.0200, 32.7790, 17.1870** is the 20% darker color. If you saturate the color by 10%, you get **192.6740, 48.7330, 25.4130**, and if you desaturate by 10%, it is **227.1710, 21.8680, 11.1800**.

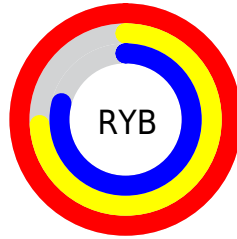
Distribution



Red (100%)

Green (74%)

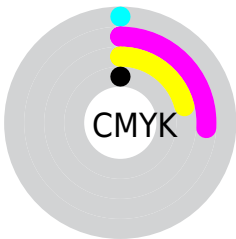
Blue (79%)



Red (100%)

Yellow (74%)

Blue (79%)

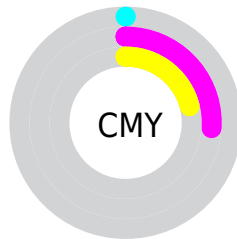


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.2160, 35.1630, 18.0350 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 210.2160, 35.1630, 18.0350 by changing the saturation by 10% instead.


 210.2160, 35.1630,
18.0350


 210.2160, 35.1630,
18.0350


255.0000, -0.0000,
-0.0000


 182.6180, 33.9710,
17.6110


 249.7170, 2.4750,
4.7070

 155.0200, 32.7790,
17.1870

 128.4220, 31.5870,
16.7630

 103.5250, 29.7990,
16.1270

 78.9270, 28.6070,
15.7030

 55.0300, 26.8190,
15.0670

 31.6600, 24.9850,

15.2650

■ 13.4270, 24.0230,
10.6710

■ 0.0000, 0.0000,
0.0000

■ 210.2160, 35.1630,
18.0350

■ 210.2160, 35.1630,
18.0350

■ 192.6740, 48.7330,
25.4130

■ 227.1710, 21.8680,
11.1800

■ 175.6050, 62.3490,
31.9570

■ 244.8270, 7.9770,
4.1130

■ 158.0630, 75.9190,
39.3350

255.0000, -0.0000,
-0.0000

■ 140.9940, 89.5350,
45.8790

■ 123.4520,
103.1050, 53.2570

■ 106.3830,
116.7210, 59.8010

■ 88.8410, 130.2910,
67.1790

■ 81.9450, 135.9300,
69.6100

Harmonies

Analogous

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



210.8260, 18.8860, 21.1740



210.2160, 35.1630, 18.0350



209.0560, 41.1250, 9.1010

Triad

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



210.2160, 35.1630, 18.0350



202.3630, 2.5710, -19.0690



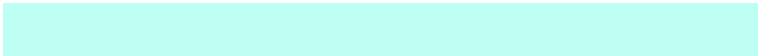
200.1640, -47.3160, -1.5240

Complementary

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



210.2160, 35.1630, 18.0350



233.7840, -35.1630, -18.0350

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.



196.4910, -53.0910, -12.5070



210.2160, 35.1630, 18.0350



198.5050, -21.3160, -21.1880

Square

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



210.2160, 35.1630, 18.0350



204.4150, 23.1560, -12.1720



196.2500, -42.4070, -18.9110



205.4810, -28.7950, 9.7410

Rectangle

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



210.2160, 35.1630, 18.0350



207.9430, 39.7050, 1.7930



196.2500, -42.4070, -18.9110



198.7890, -50.7540, -5.2980

Sweetspot

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



210.2160, 35.1630, 18.0350



241.4360, 10.6360, 5.4840



212.3710, 10.4020, 31.7620



119.1150, 7.1060, 3.3780



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.



210.2160, 35.1630, 18.0350



201.4450, 41.9480, 21.7240



220.4740, 33.8360, 3.5320



119.1150, 7.1060, 3.3780



61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Inverse Universe

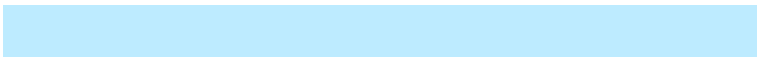
The Inverse Universe completely reimagines the original color for something new.



210.2160, 35.1630, 18.0350



201.4450, 41.9480, 21.7240



223.5260, -33.8360, -3.5320



119.1150, 7.1060, 3.3780



61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 210.2160, 35.1630, 18.0350 looks on a white background.

Color Contrast Check

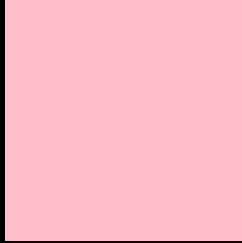
Large Text (above 18pt) WCAG AA × Fail

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 210.2160, 35.1630, 18.0350 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 210.2160, 35.1630, 18.0350

Background



This preview shows how black text looks on a background with the YIQ color 210.2160, 35.1630, 18.0350.



This preview shows how white text looks on a background with the YIQ color 210.2160, 35.1630,

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

210.2160, 35.1630, 18.0350

Protanopia

207.5810, -0.1380, 2.5020

Deuteranopia

208.6710, 17.2840, 6.1480



Tritanopia

210.3300, 34.8420, 18.3460

Trichromacy



Original Color

210.2160, 35.1630, 18.0350

Protanomaly

208.6860, 12.9280, 8.0000

Deuteranomaly

209.1280, 23.4270, 10.4590

Tritanomaly

210.3300, 34.8420, 18.3460

Monochromacy



Original Color

210.2160, 35.1630, 18.0350

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7460, 12.6990, 6.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2160, 35.1630, 18.0350 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 202) }
```

Border

The CSS property to change the border of an element to YIQ 210.2160, 35.1630, 18.0350 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, 202) }
```


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

```
.border{ border-color:rgb(255, 189, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2160, 35.1630, 18.0350 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
189, 202) }
```

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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