

Converting Colors

YIQ(213.4160, 5.3610, 18.4890)

Have a look what the booklet for
YIQ(213.4160, 5.3610, 18.4890)
contains.

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Color

**YIQ(213.4160, 5.3610,
18.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C8EF
RGB	230, 200, 239
RGB Percent	90%, 78%, 94%
CMY	0.0979, 0.2157, 0.0627
CMYK	0.04, 0.16, 0.00, 0.06
HSL	286°, 55%, 86%
HSV	286°, 16%, 94%
XYZ	68.8720, 64.3617, 90.4527
YIQ	213.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

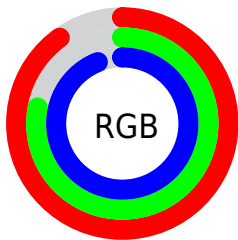
Format	Color
R _Y B	230, 200, 239
Decimal	15124719
CIE Lab	84.15, 17.40, -15.33
CIE LCh	84, 23.190, 318.611
Yxy	64.3617, 0.3079, 0.2877
Android (android.graphics.Color)	4293314799 (0xFFE6C8EF)
YUV	213.4160, 12.6129, 14.5442
Hunter-Lab	80.2257, 12.8433, -10.6901

Details

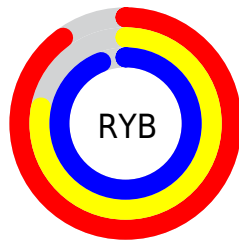
The YIQ color $213.4160, 5.3610, 18.4890$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $225.5840, -5.3610, -18.4890$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.5900, 4.8110, 17.4430$ is the 20% darker color. If you saturate the color by 10%, you get $197.8330, 8.9810, 29.9810$, and if you desaturate by 10%, it is $229.2980, 2.3370, 7.2090$.

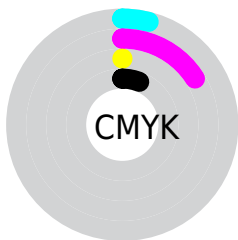
Distribution



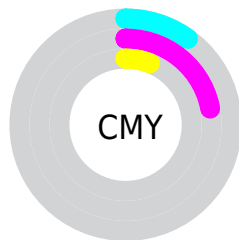
- Red (90%)
- Green (78%)
- Blue (94%)



- Red (90%)
- Yellow (78%)
- Blue (94%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4160, 5.3610, 18.4890 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 213.4160, 5.3610, 18.4890 by changing the saturation by 10% instead.

213.4160, 5.3610,
18.4890

213.4160, 5.3610,
18.4890

255.0000, -0.0000,
-0.0000

186.0030, 5.0860,
17.9660

158.5900, 4.8110,
17.4430

132.4760, 5.1320,
17.1320

107.0630, 4.8570,
16.6090

82.3510, 3.9860,
15.8740

59.5250, 3.4360,
14.8280

37.1120, 3.1610,

14.3050

■ 14.5360, 4.9030,
15.7750

■ 2.0690, -4.4480,
3.5200

■ 213.4160, 5.3610,
18.4890

■ 213.4160, 5.3610,
18.4890

■ 197.8330, 8.9810,
29.9810

■ 229.2980, 2.3370,
7.2090

■ 181.9510, 12.0050,
41.2610

■ 244.8810, -1.2830,
-4.2830

■ 166.3680, 15.6250,
52.7530

■ 250.7840, 0.3680,
-6.6720

■ 150.4860, 18.6490,
64.0330

■ 252.2790, 3.3480,
-5.6120

■ 134.9030, 22.2690,
75.5250

■ 253.1760, 5.1360,
-4.9760

■ 119.6080, 25.0180,
86.2820

■ 104.0250, 28.6380,
97.7740

■ 88.1430, 31.6620,
109.0540

■ 82.2620, 32.9450,
113.3370

Harmonies

Analogous

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



210.8200, -16.5080, 12.8360



213.4160, 5.3610, 18.4890



213.8820, 24.4800, 18.9120

Triad

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



213.4160, 5.3610, 18.4890



210.2250, 29.8030, -5.9810



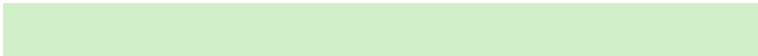
200.8850, -42.6370, -14.7410

Complementary

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



213.4160, 5.3610, 18.4890



225.5840, -5.3610, -18.4890

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.



202.2640, -27.8270, -18.8270



213.4160, 5.3610, 18.4890



207.5710, 13.8490, -14.2070

Square

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



213.4160, 5.3610, 18.4890



211.8550, 37.1370, 4.2810



205.1000, -6.8740, -18.6020



202.7740, -46.3980, -7.1500

Rectangle

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



213.4160, 5.3610, 18.4890



213.3790, 33.1460, 16.0420



205.1000, -6.8740, -18.6020



201.5710, -38.8770, -16.8050

Sweetspot

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



213.4160, 5.3610, 18.4890



246.4720, 1.7870, 6.1630



209.7290, -14.9940, 7.4220



122.7060, 1.0080, 3.7600



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.



213.4160, 5.3610, 18.4890



221.4750, 6.8730, 24.1290



214.9670, 13.9350, 17.2870



112.0590, 1.5120, 5.6400



63.1350, 24.9720, 87.1160



19.2410, 7.6520, 26.5320

Inverse Universe

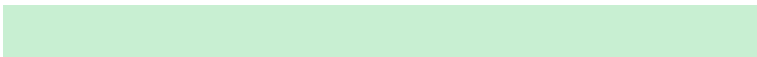
The Inverse Universe completely reimagines the original color for something new.



212.6870, 20.3550, 11.0670



220.6170, 26.5440, 14.5440



224.0330, -13.9350, -17.2870



111.9300, 6.1890, 3.4770



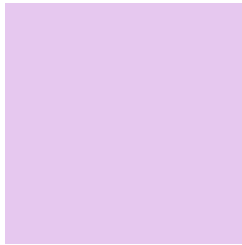
59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 213.4160, 5.3610, 18.4890 looks on a white background.

Color Contrast Check

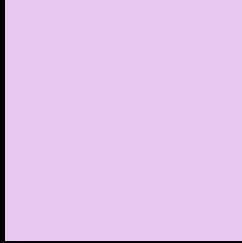
Large Text (above 18pt) WCAG AA × Fail

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 213.4160, 5.3610, 18.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

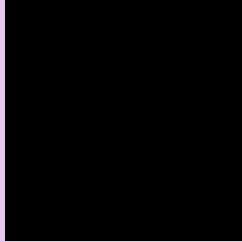
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.4160, 5.3610, 18.4890

Background



This preview shows how black text looks on a background with the YIQ color 213.4160, 5.3610, 18.4890.



This preview shows how white text looks on a background with the YIQ color 213.4160, 5.3610,

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

213.4160, 5.3610, 18.4890

Protanopia

210.6090, -14.5360, 10.1360

Deuteranopia

212.3500, -3.4410, 12.8070



Tritanopia

212.0000, 9.1680, 10.0640

Trichromacy



Original Color

213.4160, 5.3610, 18.4890

Protanomaly

211.6100, -7.1090, 13.2030

Deuteranomaly

212.6710, 0.0890, 14.9130

Tritanomaly

212.5100, 7.7920, 12.9760

Monochromacy



Original Color

213.4160, 5.3610, 18.4890

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4160, 5.3610, 18.4890 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(230, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 239)  
}
```

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(230, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 239) }
```

Border

The CSS property to change the border of an element to YIQ 213.4160, 5.3610, 18.4890 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(230, 200, 239) }
```


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

```
.border{ border-color:rgb(230, 200, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 200, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4160, 5.3610, 18.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 239) }
```

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

```
.background{ background-color: rgb(230,  
200, 239) }
```

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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