

Converting Colors

YIQ(229.6400, 10.5420, 18.2060)

Have a look what the booklet for
YIQ(229.6400, 10.5420, 18.2060)
contains.

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Color

**YIQ(229.6400, 10.5420,
18.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD7F9
RGB	251, 215, 249
RGB Percent	98%, 84%, 98%
CMY	0.0156, 0.1569, 0.0235
CMYK	0.00, 0.14, 0.01, 0.02
HSL	303°, 82%, 91%
HSV	303°, 14%, 98%
XYZ	81.1896, 75.9473, 100.0059
YIQ	229.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

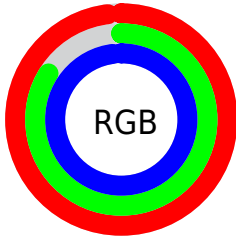
Format	Color
R _Y B	251, 215, 249
Decimal	16504825
CIE Lab	89.83, 18.23, -11.94
CIE LCh	90, 21.789, 326.784
Yxy	75.9473, 0.3157, 0.2954
Android (android.graphics.Color)	4294694905 (0xFFFB7F9)
YUV	229.6400, 9.5445, 18.7327
Hunter-Lab	87.1478, 13.7876, -7.0345

Details

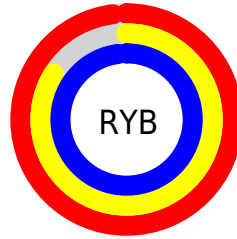
The YIQ color $229.6400, 10.5420, 18.2060$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $236.3600, -10.5420, -18.2060$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.9280, 9.6710, 17.4710$ is the 20% darker color. If you saturate the color by 10%, you get $214.8510, 17.7380, 30.9700$, and if you desaturate by 10%, it is $244.4290, 3.3460, 5.4420$.

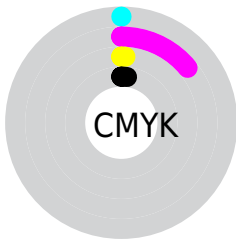
Distribution



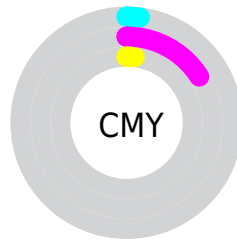
- Red (98%)
- Green (84%)
- Blue (98%)



- Red (98%)
- Yellow (84%)
- Blue (98%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.6400, 10.5420, 18.2060 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 229.6400, 10.5420, 18.2060 by changing the saturation by 10% instead.

229.6400, 10.5420,
18.2060

229.6400, 10.5420,
18.2060

255.0000, -0.0000,
-0.0000

201.2270, 10.2670,
17.6830

173.9280, 9.6710,
17.4710

147.4010, 9.7170,
16.6370

121.1020, 9.1210,
16.4250

96.6890, 8.8460,
15.9020

72.8630, 8.2960,
14.8560

49.5640, 7.7000,

14.6440

■ 27.7380, 7.1500,
13.5980

■ 10.0970, 7.5170,
12.4530

■ 229.6400, 10.5420,
18.2060

■ 229.6400, 10.5420,
18.2060

■ 214.8510, 17.7380,
30.9700

■ 244.4290, 3.3460,
5.4420

■ 199.9480, 25.2550,
43.4230

■ 253.4620, -1.4210,
-1.7810

■ 185.1590, 32.4510,
56.1870

■ 253.5760, -1.7420,
-1.4700

■ 170.2560, 39.9680,
68.6400

■ 253.8040, -2.3840,
-0.8480

■ 154.8800, 47.4390,
81.9270

■ 140.0910, 54.6350,
94.6910

■ 125.1880, 62.1520,
107.1440

■ 110.3990, 69.3480,
119.9080

■ 102.0670, 73.5190,
126.9190

Harmonies

Analogous

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



226.6700, -7.3380, 11.8460



229.6400, 10.5420, 18.2060



226.7950, 20.1710, 14.4030

Triad

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



229.6400, 10.5420, 18.2060



225.8330, 25.0350, -7.6770



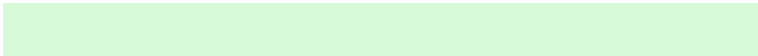
218.3520, -42.4540, -12.5500

Complementary

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



229.6400, 10.5420, 18.2060



236.3600, -10.5420, -18.2060

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.



218.6490, -30.3490, -17.1730



229.6400, 10.5420, 18.2060



222.9340, 8.3930, -14.4470

Square

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



229.6400, 10.5420, 18.2060



225.5120, 30.6730, 0.2810



220.2890, -11.7800, -17.7960



219.6500, -40.1170, -5.3410

Rectangle

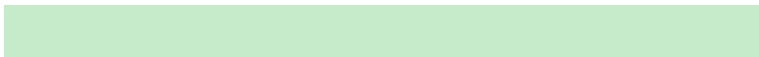
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6400, 10.5420, 18.2060



225.1990, 24.6650, 10.0490



220.2890, -11.7800, -17.7960



217.8530, -39.6110, -14.5150

Sweetspot

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



229.6400, 10.5420, 18.2060



249.0160, 3.0710, 4.9190



219.7020, -10.3640, 11.6200



123.7770, 2.2460, 3.3500



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.



229.6400, 10.5420, 18.2060



229.5310, 12.4670, 21.8670



227.5880, 16.3200, 12.6080



117.2550, 3.8960, 6.4880



76.8030, 55.5060, 95.4260



24.8510, 17.7380, 30.9700

Inverse Universe

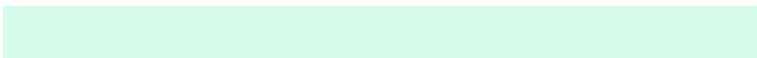
The Inverse Universe completely reimagines the original color for something new.



229.6400, 10.5420, 18.2060



229.5310, 12.4670, 21.8670



238.4120, -16.3200, -12.6080



117.2550, 3.8960, 6.4880



76.8030, 55.5060, 95.4260



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 229.6400, 10.5420, 18.2060 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 229.6400, 10.5420, 18.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

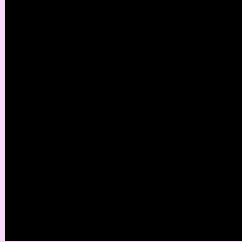
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.6400, 10.5420, 18.2060

Background



This preview shows how black text looks on a background with the YIQ color 229.6400, 10.5420, 18.2060.

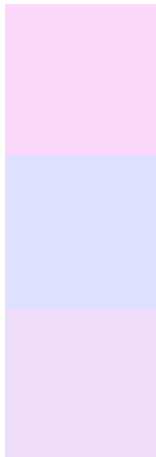


This preview shows how white text looks on a background with the YIQ color 229.6400, 10.5420,

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

229.6400, 10.5420, 18.2060

Protanopia

226.6370, -11.7390, 9.0050

Deuteranopia

228.5740, 1.7400, 12.5240



Tritanopia

228.5060, 13.6150, 12.0710

Trichromacy



Original Color

229.6400, 10.5420, 18.2060

Protanomaly

227.9370, -3.7160, 12.2840

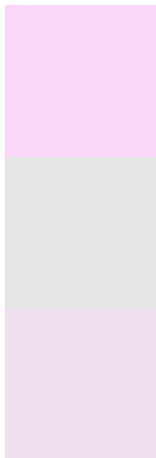
Deuteranomaly

228.8950, 5.2700, 14.6300

Tritanomaly

228.7880, 12.8810, 14.3610

Monochromacy



Original Color

229.6400, 10.5420, 18.2060

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2550, 3.8960, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.6400, 10.5420, 18.2060 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(251, 215, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 249)  
}
```

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(251, 215, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 249) }
```

Border

The CSS property to change the border of an element to YIQ 229.6400, 10.5420, 18.2060 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(251, 215, 249) }
```


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

```
.border{ border-color:rgb(251, 215, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 215, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 215, 249); box-shadow:4px 4px 4px 4px rgb(251, 215, 249) }
```

Background

The CSS property to change the background color of an element to YIQ 229.6400, 10.5420, 18.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 249) }
```

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

```
.background{ background-color: rgb(251,  
215, 249) }
```

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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