

Converting Colors

YIQ(213.0070, -0.7370, 18.8710)

Have a look what the booklet for
YIQ(213.0070, -0.7370, 18.8710)
contains.

YIQ(213.0070, -0.7370, 18.8710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.0070, -0.7370,
18.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9F6
RGB	224, 201, 246
RGB Percent	88%, 79%, 96%
CMY	0.1215, 0.2118, 0.0353
CMYK	0.09, 0.18, 0.00, 0.04
HSL	271°, 71%, 88%
HSV	271°, 18%, 96%
XYZ	68.2645, 64.2727, 95.9890
YIQ	213.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

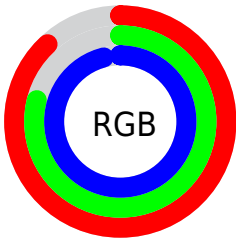
Format	Color
R_{YB}	224, 201, 246
Decimal	14731766
CIE _{Lab}	84.11, 16.27, -19.17
CIE _{LCh}	84, 25.147, 310.323
Yxy	64.2727, 0.2987, 0.2812
Android (android.graphics.Color)	4292921846 (0xFFE0C9F6)
YUV	213.0070, 16.2655, 9.6409
Hunter-Lab	80.1703, 11.6937, -14.8695

Details

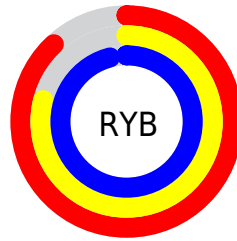
The YIQ color $213.0070, -0.7370, 18.8710$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.9930, 0.7370, -18.8710$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.4800, -0.6910, 18.0370$ is the 20% darker color. If you saturate the color by 10%, you get $194.7440, -1.0140, 29.4020$, and if you desaturate by 10%, it is $231.2700, -0.4600, 8.3400$.

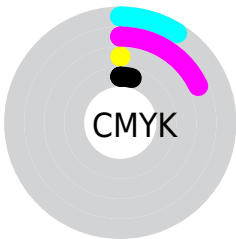
Distribution



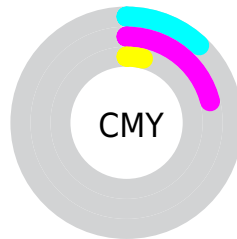
- Red (88%)
- Green (79%)
- Blue (96%)



- Red (88%)
- Yellow (79%)
- Blue (96%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0070, -0.7370, 18.8710 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 213.0070, -0.7370, 18.8710 by changing the saturation by 10% instead.

■ 213.0070, -0.7370,
18.8710

■ 213.0070, -0.7370,
18.8710

255.0000, -0.0000,
-0.0000

■ 185.4800, -0.6910,
18.0370

■ 158.4800, -0.6910,
18.0370

■ 132.0670, -0.9660,
17.5140

■ 106.5400, -0.9200,
16.6800

■ 82.1270, -1.1950,
16.1570

■ 59.1870, -1.4240,
14.8000

■ 36.7740, -1.6990,

14.2770

■ 14.7850, -0.2320,
15.2240

■ 2.7530, -6.3740,
5.3860

■ 213.0070, -0.7370,
18.8710

■ 213.0070, -0.7370,
18.8710

■ 194.7440, -1.0140,
29.4020

■ 231.2700, -0.4600,
8.3400

■ 177.0680, -1.5660,
39.4100

■ 248.9460, 0.0920,
-1.6680

■ 158.8050, -1.8430,
49.9410

■ 253.9740, 2.8890,
-2.7990

■ 141.1290, -2.3950,
59.9490

■ 122.8660, -2.6720,
70.4800

■ 104.6030, -2.9490,
81.0110

■ 86.9270, -3.5010,
91.0190

■ 68.6640, -3.7780,
101.5500

■ 65.7180, -3.8700,
103.2180

Harmonies

Analogous

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



209.4600, -24.3020, 10.9140



213.0070, -0.7370, 18.8710



214.0820, 21.0410, 20.6650

Triad

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



213.0070, -0.7370, 18.8710



210.4430, 35.1210, -3.2390



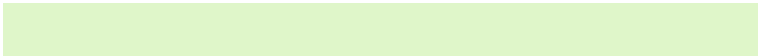
199.5920, -43.3700, -17.9780

Complementary

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



213.0070, -0.7370, 18.8710



233.9930, 0.7370, -18.8710

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.



201.9500, -24.0670, -20.8910



213.0070, -0.7370, 18.8710



207.9200, 20.1760, -13.2320

Square

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



213.0070, -0.7370, 18.8710



211.8170, 40.3000, 7.5320



205.3950, -0.4550, -19.2950



201.0290, -51.6700, -10.7260

Rectangle

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



213.0070, -0.7370, 18.8710



213.4760, 31.4950, 18.4310



205.3950, -0.4550, -19.2950



200.1750, -37.8220, -19.4060

Sweetspot

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



213.0070, -0.7370, 18.8710



245.5750, -0.0010, 5.5270



219.0440, -20.4950, 2.4890



122.1080, -0.1840, 3.3360



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.



213.0070, -0.7370, 18.8710



214.0550, -0.6920, 23.5640



219.5850, 12.3750, 23.5350



113.1620, -0.2760, 5.0040



49.6090, -3.0860, 77.9860



15.6960, -1.0590, 24.7090

Inverse Universe

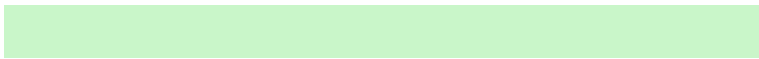
The Inverse Universe completely reimagines the original color for something new.



216.9630, 19.7580, 16.3820



218.8220, 24.7090, 20.2690



227.4150, -12.3750, -23.5350



114.2720, 5.2260, 4.4100



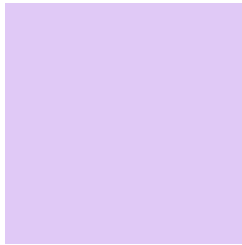
65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 213.0070, -0.7370, 18.8710 looks on a white background.

Color Contrast Check

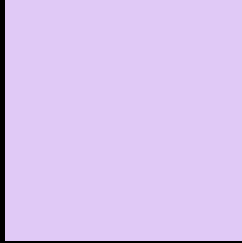
Large Text (above 18pt) WCAG AA × Fail

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 213.0070, -0.7370, 18.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

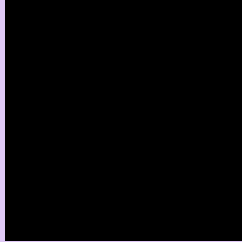
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0070, -0.7370, 18.8710

Background



This preview shows how black text looks on a background with the YIQ color 213.0070, -0.7370, 18.8710.

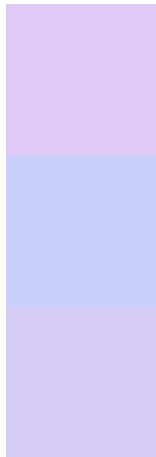


This preview shows how white text looks on a background with the YIQ color 213.0070, -0.7370,

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

213.0070, -0.7370, 18.8710

Protanopia

210.8090, -17.9750, 11.8890

Deuteranopia

211.9520, -8.0720, 14.1360



Tritanopia

211.3090, 3.8040, 8.1560

Trichromacy



Original Color

213.0070, -0.7370, 18.8710

Protanomaly

211.2120, -11.7400, 14.5320

Deuteranomaly

212.5610, -5.4130, 15.5070

Tritanomaly

212.0470, 1.7860, 11.6900

Monochromacy



Original Color

213.0070, -0.7370, 18.8710

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.2160, -0.3680, 6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0070, -0.7370, 18.8710 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(224, 201, 246)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 246)  
}
```

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(224, 201, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 246) }
```

Border

The CSS property to change the border of an element to YIQ 213.0070, -0.7370, 18.8710 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(224, 201, 246) }
```


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

```
.border{ border-color:rgb(224, 201, 246) }
```

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

Here you see how a box with a 4 pixel rgb(224, 201, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0070, -0.7370, 18.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 246) }
```

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

```
.background{ background-color: rgb(224,  
201, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor