

Converting Colors

YIQ(214.0000, -8.0270, 18.8290)

Have a look what the booklet for
YIQ(214.0000, -8.0270, 18.8290)
contains.

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Color

**YIQ(214.0000, -8.0270,
18.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	DACCFF
RGB	218, 204, 255
RGB Percent	85%, 80%, 100%
CMY	0.1450, 0.2000, 0.0001
CMYK	0.14, 0.20, 0.00, 0.00
HSL	257°, 100%, 90%
HSV	256°, 20%, 100%
XYZ	68.5570, 65.3098, 103.5851
YIQ	214.0000, -8.0270, 18.8290

Conversions

Conversions Part 2

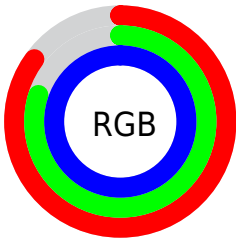
Format	Color
R _{YB}	218, 204, 255
Decimal	14339327
CIE _{Lab}	84.64, 14.60, -23.18
CIE _{LCh}	85, 27.396, 302.210
Yxy	65.3098, 0.2887, 0.2750
Android (android.graphics.Color)	4292529407 (0xFFDACCFF)
YUV	214.0000, 20.2130, 3.5080
Hunter-Lab	80.8145, 10.0007, -19.4256

Details

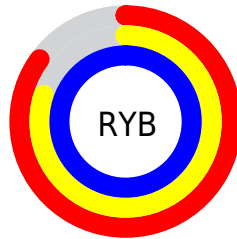
The YIQ color $214.0000, -8.0270, 18.8290$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.0000, 8.0270, -18.8290$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.3590, -7.6600, 17.6840$ is the 20% darker color. If you saturate the color by 10%, you get $193.9430, -11.8800, 28.0880$, and if you desaturate by 10%, it is $234.3560, -3.5780, 9.7820$.

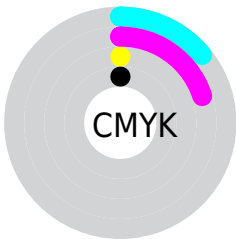
Distribution



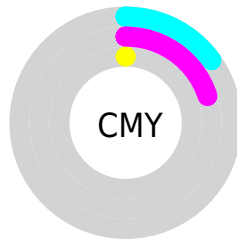
- Red (85%)
- Green (80%)
- Blue (100%)



- Red (85%)
- Yellow (80%)
- Blue (100%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.0000, -8.0270, 18.8290 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 214.0000, -8.0270, 18.8290 by changing the saturation by 10% instead.

■ 214.0000, -8.0270,
18.8290

■ 214.0000, -8.0270,
18.8290

255.0000, -0.0000,
-0.0000

■ 186.4730, -7.9810,
17.9950

■ 159.3590, -7.6600,
17.6840

■ 132.9460, -7.9350,
17.1610

■ 107.4190, -7.8890,
16.3270

■ 82.8920, -7.8430,
15.4930

■ 59.4790, -8.1180,
14.9700

■ 37.5390, -8.3470,

13.6130

■ 15.7240, -7.4300,
13.5140

■ 3.5510, -8.6210,
7.5630

■ 214.0000, -8.0270,
18.8290

■ 214.0000, -8.0270,
18.8290

■ 193.9430,
-11.8800, 28.0880

■ 234.3560, -3.5780,
9.7820

■ 173.0000,
-16.0540, 37.6580

255.0000, -0.0000,
-0.0000

■ 152.9430,
-19.9070, 46.9170

■ 132.0000,
-24.0810, 56.4870

■ 111.9430,
-27.9340, 65.7460

■ 91.0000, -32.1080,
75.3160

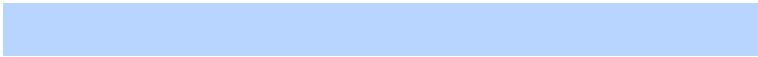
■ 70.9430, -35.9610,
84.5750

■ 50.0000, -40.1350,
94.1450

Harmonies

Analogous

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



208.8180, -31.3620, 6.7020



214.0000, -8.0270, 18.8290



215.5100, 16.9600, 23.0400

Triad

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



214.0000, -8.0270, 18.8290



212.5470, 40.7600, -0.8080



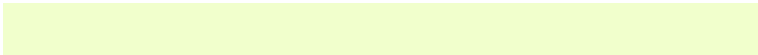
200.4840, -43.1860, -21.3140

Complementary

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



214.0000, -8.0270, 18.8290



245.0000, 8.0270, -18.8290

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.



203.8210, -19.3900, -23.0540



214.0000, -8.0270, 18.8290



209.9810, 27.3740, -11.5220

Square

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



214.0000, -8.0270, 18.8290



211.8000, 38.9700, 9.6100



206.8040, 5.6430, -19.6770



200.1700, -56.6210, -14.6130

Rectangle

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



214.0000, -8.0270, 18.8290



214.5020, 28.6060, 21.2300



206.8040, 5.6430, -19.6770



201.8500, -35.5290, -22.4170

Sweetspot

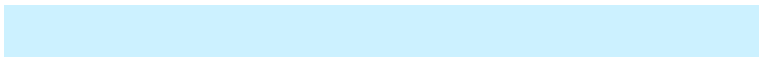
The Sweet Spot groups the original color and five complimentary colors.



214.0000, -8.0270, 18.8290



242.9060, -2.4310, 5.5130



231.5330, -26.5460, -3.4900



120.6240, -1.6970, 3.2230



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.



214.0000, -8.0270, 18.8290



206.0370, -9.4490, 22.5750



221.4750, 6.8730, 24.1290



117.3790, -2.3850, 4.6790



37.6210, -29.7230, 70.6370



12.6780, -9.8160, 23.7200

Inverse Universe

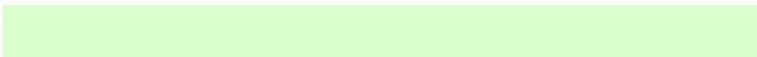
The Inverse Universe completely reimagines the original color for something new.



223.4670, 18.5190, 22.3190



217.2550, 22.2320, 26.6160



237.5250, -6.8730, -24.1290



119.9130, 4.8590, 5.5550



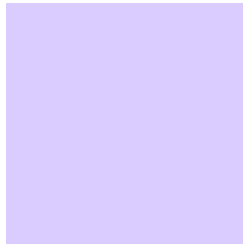
72.9550, 69.2170, 83.7210



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 214.0000, -8.0270, 18.8290 looks on a white background.

Color Contrast Check

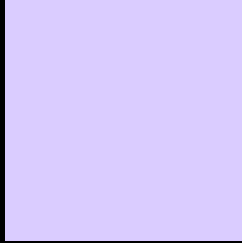
Large Text (above 18pt) WCAG AA × Fail

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 214.0000, -8.0270, 18.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

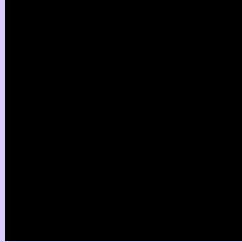
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.0000, -8.0270, 18.8290

Background



This preview shows how black text looks on a background with the YIQ color 214.0000, -8.0270, 18.8290.



This preview shows how white text looks on a background with the YIQ color 214.0000, -8.0270,

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

214.0000, -8.0270, 18.8290

Protanopia

211.8520, -19.5340, 12.6100

Deuteranopia

213.2550, -13.2990, 15.2530



Tritanopia

212.1340, -3.0730, 6.1350

Trichromacy



Original Color

214.0000, -8.0270, 18.8290

Protanomaly

212.4720, -15.4080, 14.9280

Deuteranomaly

213.5650, -11.2360, 16.4120

Tritanomaly

212.8120, -4.8620, 11.0260

Monochromacy



Original Color

214.0000, -8.0270, 18.8290

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.6610, -3.1190, 6.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.0000, -8.0270, 18.8290 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(218, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 255)  
}
```

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(218, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 255) }
```

Border

The CSS property to change the border of an element to YIQ 214.0000, -8.0270, 18.8290 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(218, 204, 255) }
```


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

```
.border{ border-color:rgb(218, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 214.0000, -8.0270, 18.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 255) }
```

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

```
.background{ background-color: rgb(218,  
204, 255) }
```

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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