

Converting Colors

YIQ(214.4400, -12.3820,
15.1540)

Have a look what the booklet for
YIQ(214.4400, -12.3820, 15.1540)
contains.

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Color

**YIQ(214.4400, -12.3820,
15.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D0FE
RGB	212, 208, 254
RGB Percent	83%, 82%, 100%
CMY	0.1686, 0.1843, 0.0040
CMYK	0.17, 0.18, 0.00, 0.00
HSL	245°, 96%, 91%
HSV	245°, 18%, 100%
XYZ	67.5956, 66.2639, 102.9753
YIQ	214.4400, -12.3820, 15.1540

Conversions

Conversions Part 2

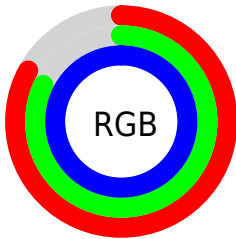
Format	Color
R _Y B	212, 208, 254
Decimal	13947134
CIE Lab	85.13, 10.39, -21.95
CIE LCh	85, 24.288, 295.338
Yxy	66.2639, 0.2854, 0.2798
Android (android.graphics.Color)	4292137214 (0xFFD4D0FE)
YUV	214.4400, 19.5031, -2.1399
Hunter-Lab	81.4026, 5.7694, -18.0208

Details

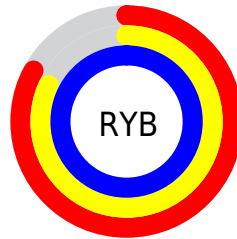
The YIQ color $214.4400, -12.3820, 15.1540$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $247.5600, 12.3820, -15.1540$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.7990, -12.0150, 14.0090$ is the 20% darker color. If you saturate the color by 10%, you get $192.8880, -19.2150, 23.3530$, and if you desaturate by 10%, it is $235.9920, -5.5490, 6.9550$.

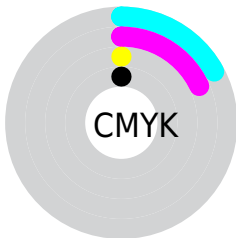
Distribution



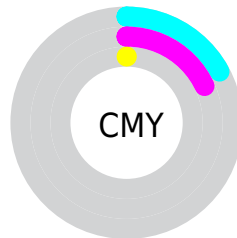
- Red (83%)
- Green (82%)
- Blue (100%)



- Red (83%)
- Yellow (82%)
- Blue (100%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4400, -12.3820, 15.1540 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 214.4400, -12.3820, 15.1540 by changing the saturation by 10% instead.

■ 214.4400,
-12.3820, 15.1540

■ 214.4400,
-12.3820, 15.1540

255.0000, -0.0000,
-0.0000

■ 186.3260,
-12.0610, 14.8430

■ 159.7990,
-12.0150, 14.0090

■ 133.6850,
-11.6940, 13.6980

■ 108.1580,
-11.6480, 12.8640

■ 83.7450, -11.9230,
12.3410

■ 60.2180, -11.8770,
11.5070

■ 38.2780, -12.1060,

10.1500

■ 16.2780, -12.1060,
10.1500

■ 3.4370, -8.3000,
7.2520

■ 214.4400,
-12.3820, 15.1540

■ 214.4400,
-12.3820, 15.1540

■ 192.8880,
-19.2150, 23.3530

■ 235.9920, -5.5490,
6.9550

■ 170.7490,
-25.7730, 32.0750

254.8860, 0.3210,
-0.3110

■ 148.8980,
-33.2020, 40.0620

■ 126.7590,
-39.7600, 48.7840

■ 105.2070,
-46.5930, 56.9830

■ 83.6550, -53.4260,
65.1820

■ 61.5160, -59.9840,
73.9040

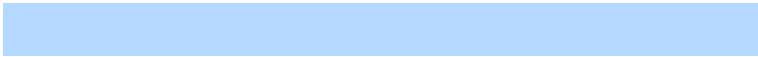
■ 39.9640, -66.8170,
82.1030

■ 35.5340, -68.4220,
83.6580

Harmonies

Analogous

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



209.9810, -33.3790, 4.7090



214.4400, -12.3820, 15.1540



216.6940, 10.4500, 19.8740

Triad

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



214.4400, -12.3820, 15.1540



213.9860, 38.1460, 2.5140



204.2140, -33.5580, -19.5900

Complementary

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



214.4400, -12.3820, 15.1540



247.5600, 12.3820, -15.1540

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.



206.8220, -11.9630, -19.9870



214.4400, -12.3820, 15.1540



212.2740, 28.1070, -8.2850

Square

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



214.4400, -12.3820, 15.1540



214.0000, 35.5310, 11.3630



209.3640, 9.9980, -16.0020



202.9600, -47.2220, -14.2460

Rectangle

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



214.4400, -12.3820, 15.1540



217.2240, 23.5170, 19.8450



209.3640, 9.9980, -16.0020



204.8080, -26.5430, -20.0710

Sweetspot

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



214.4400, -12.3820, 15.1540



243.7810, -3.5770, 4.2550



237.8980, -26.3160, -7.6600



121.2110, -1.9720, 2.7000



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.



214.4400, -12.3820, 15.1540



206.8790, -14.9960, 18.4760



221.3170, 1.3260, 20.0300



116.7810, -3.5770, 4.2550



26.8570, -51.1790, 63.0050



9.0900, -16.9680, 21.1760

Inverse Universe

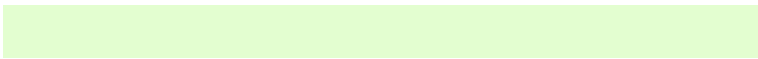
The Inverse Universe completely reimagines the original color for something new.



226.5420, 13.9340, 22.8140



221.5580, 17.0050, 27.7330



240.6830, -1.3260, -20.0300



120.1410, 4.2170, 6.1770



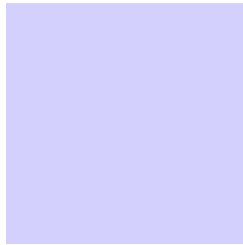
77.0590, 57.6610, 94.9170



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 214.4400, -12.3820, 15.1540 looks on a white background.

Color Contrast Check

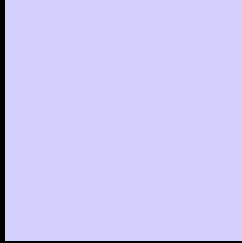
Large Text (above 18pt) WCAG AA × Fail

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 214.4400, -12.3820, 15.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

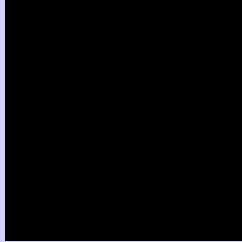
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.4400, -12.3820, 15.1540

Background



This preview shows how black text looks on a background with the YIQ color 214.4400, -12.3820, 15.1540.

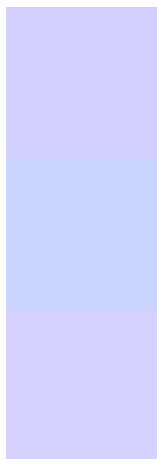


This preview shows how white text looks on a background with the YIQ color 214.4400, -12.3820, 15.1540.

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

214.4400, -12.3820, 15.1540

Protanopia

213.6240, -18.8920, 11.9880

Deuteranopia

214.7390, -11.7860, 15.3660



Tritanopia

212.7420, -7.8410, 4.4390

Trichromacy



Original Color

214.4400, -12.3820, 15.1540

Protanomaly

213.9340, -16.8290, 13.1470

Deuteranomaly

214.7390, -11.7860, 15.3660

Tritanomaly

213.4800, -9.8590, 7.9730

Monochromacy



Original Color

214.4400, -12.3820, 15.1540

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.2370, -4.8610, 5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4400, -12.3820, 15.1540 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(212, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 254)  
}
```

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(212, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 254) }
```

Border

The CSS property to change the border of an element to YIQ 214.4400, -12.3820, 15.1540 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(212, 208, 254) }
```


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

```
.border{ border-color:rgb(212, 208, 254) }
```

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

Here you see how a box with a 4 pixel rgb(212, 208, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4400, -12.3820, 15.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 254) }
```

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

```
.background{ background-color: rgb(212,  
208, 254) }
```

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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