

Converting Colors

YIQ(218.3870, -14.0310, 6.4890)

Have a look what the booklet for
YIQ(218.3870, -14.0310, 6.4890)
contains.

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Color

**YIQ(218.3870, -14.0310,
6.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DAF5
RGB	209, 218, 245
RGB Percent	82%, 85%, 96%
CMY	0.1804, 0.1451, 0.0393
CMYK	0.15, 0.11, 0.00, 0.04
HSL	225°, 64%, 89%
HSV	225°, 15%, 96%
XYZ	67.8450, 70.2913, 96.3623
YIQ	218.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

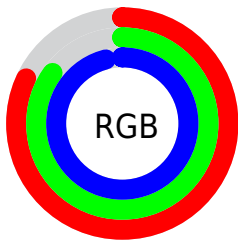
Format	Color
R _Y B	209, 216, 245
Decimal	13753077
CIE Lab	87.14, 2.28, -14.19
CIE LCh	87, 14.376, 279.144
Yxy	70.2913, 0.2893, 0.2998
Android (android.graphics.Color)	4291943157 (0xFFD1DAF5)
YUV	218.3870, 13.1202, -8.2324
Hunter-Lab	83.8399, -2.2739, -9.4577

Details

The YIQ color **218.3870, -14.0310, 6.4890** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **235.6130, 14.0310, -6.4890**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.2730, -13.7100, 6.1780** is the 20% darker color. If you saturate the color by 10%, you get **200.6450, -23.3850, 10.8150**, and if you desaturate by 10%, it is **236.1290, -4.6770, 2.1630**.

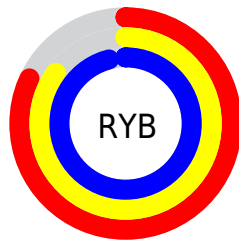
Distribution



Red (82%)

Green (85%)

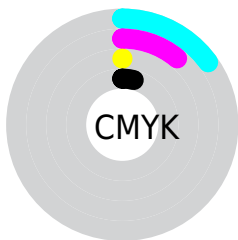
Blue (96%)



Red (82%)

Yellow (85%)

Blue (96%)

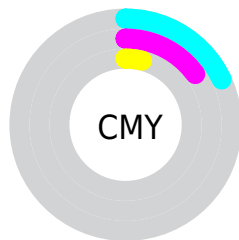


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.3870, -14.0310, 6.4890 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 218.3870, -14.0310, 6.4890 by changing the saturation by 10% instead.

■ 218.3870,
-14.0310, 6.4890

■ 218.3870,
-14.0310, 6.4890

■ 255.0000, -0.0000,
-0.0000

■ 190.3870,
-14.0310, 6.4890

■ 163.2730,
-13.7100, 6.1780

■ 137.1590,
-13.3890, 5.8670

■ 111.9310,
-12.7470, 5.2450

■ 86.9310, -12.7470,
5.2450

■ 63.8170, -12.4260,
4.9340

■ 41.5890, -11.7840,

4.3120

■ 20.7630, -12.3340,
3.2660

■ 2.8670, -6.6950,
5.6970

■ 218.3870,
-14.0310, 6.4890

■ 218.3870,
-14.0310, 6.4890

■ 200.6450,
-23.3850, 10.8150

■ 236.1290, -4.6770,
2.1630

■ 182.0170,
-33.0600, 15.4520

■ 253.8600, 3.2100,
-3.1100

■ 164.2750,
-42.4140, 19.7780

■ 146.2340,
-52.3640, 23.8920

■ 127.9050,
-61.4430, 28.7410

■ 109.8640,
-71.3930, 32.8550

■ 91.5350, -80.4720,
37.7040

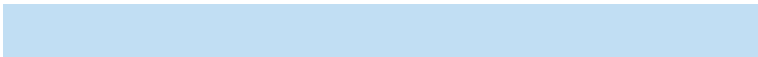
■ 73.4940, -90.4220,
41.8180

■ 63.7370, -95.4200,
44.2920

Harmonies

Analogous

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



215.7230, -24.0250, 0.3830



218.3870, -14.0310, 6.4890



219.8510, -0.5980, 10.8420

Triad

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



218.3870, -14.0310, 6.4890



220.4390, 23.7490, 4.6210



214.6790, -12.6980, -12.1700

Complementary

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



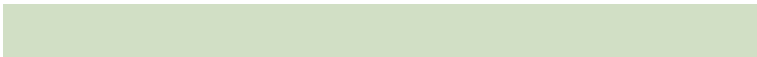
218.3870, -14.0310, 6.4890



235.6130, 14.0310, -6.4890

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.



215.8500, 0.0020, -11.0540



218.3870, -14.0310, 6.4890



218.7820, 21.0450, -1.4430

Square

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



218.3870, -14.0310, 6.4890



220.9320, 21.0430, 9.6110



217.6020, 12.5640, -7.4360



213.2850, -23.1520, -9.9360

Rectangle

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



218.3870, -14.0310, 6.4890



220.8690, 8.1590, 11.8310



217.6020, 12.5640, -7.4360



214.8320, -8.7550, -12.0430

Sweetspot

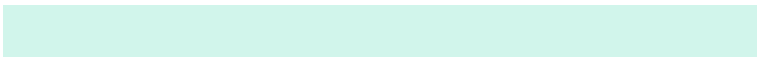
The Sweet Spot groups the original color and five complimentary colors.



218.3870, -14.0310, 6.4890



247.3140, -3.7600, 2.0640



233.0960, -18.2460, -10.7420



122.9720, -2.7970, 1.1310



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.



218.3870, -14.0310, 6.4890



221.2880, -18.0660, 8.0300



215.4960, -6.7880, 12.8920



113.1290, -4.6770, 2.1630



48.7930, -72.6310, 33.2650



15.5310, -23.0640, 10.5040

Inverse Universe

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



220.7900, 18.5670, 10.4310



224.1220, 23.5640, 13.4840



238.5040, 6.7880, -12.8920



113.9300, 6.1890, 3.4770



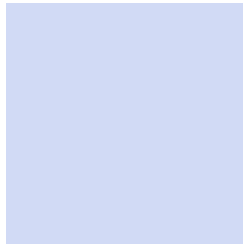
60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 218.3870, -14.0310, 6.4890 looks on a white background.

Color Contrast Check

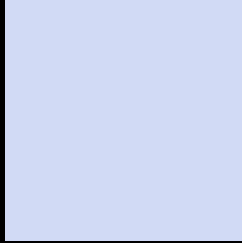
Large Text (above 18pt) WCAG AA × Fail

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 218.3870, -14.0310, 6.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

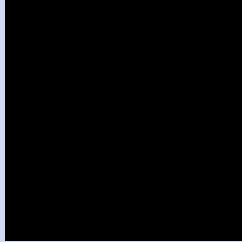
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.3870, -14.0310, 6.4890

Background



This preview shows how black text looks on a background with the YIQ color 218.3870, -14.0310, 6.4890.



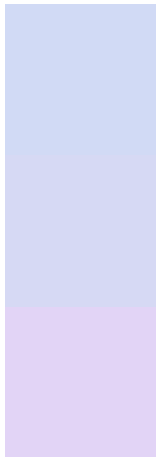
This preview shows how white text looks on a background with the YIQ color 218.3870, -14.0310,

6.4890.

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

218.3870, -14.0310, 6.4890

Protanopia

219.1810, -10.4550, 7.7610

Deuteranopia

220.0620, -2.5700, 13.5420



Tritanopia

217.7630, -12.3340, 3.2660

Trichromacy



Original Color

218.3870, -14.0310, 6.4890

Protanomaly

218.5830, -11.6470, 7.3370

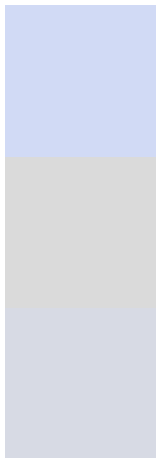
Deuteranomaly

219.4420, -6.6960, 11.2240

Tritanomaly

218.1050, -13.2970, 4.1990

Monochromacy



Original Color

218.3870, -14.0310, 6.4890

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2430, -4.9980, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.3870, -14.0310, 6.4890 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(209, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 245)  
}
```

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(209, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 245) }
```

Border

The CSS property to change the border of an element to YIQ 218.3870, -14.0310, 6.4890 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(209, 218, 245) }
```


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

```
.border{ border-color:rgb(209, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 218.3870, -14.0310, 6.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 245) }
```

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

```
.background{ background-color: rgb(209,  
218, 245) }
```

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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