

Converting Colors

YIQ(201.8730, -14.8590,
21.5010)

Have a look what the booklet for
YIQ(201.8730, -14.8590, 21.5010)
contains.

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Color

**YIQ(201.8730, -14.8590,
21.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C0FF
RGB	201, 192, 255
RGB Percent	79%, 75%, 100%
CMY	0.2117, 0.2471, 0.0001
CMYK	0.21, 0.25, 0.00, 0.00
HSL	249°, 100%, 88%
HSV	249°, 25%, 100%
XYZ	60.9860, 57.3356, 102.4371
YIQ	201.8730, -14.8590, 21.5010

Conversions

Conversions Part 2

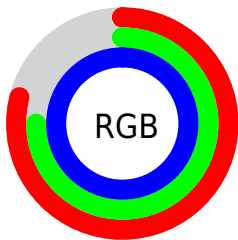
Format	Color
R _Y B	201, 192, 255
Decimal	13222143
CIE Lab	80.37, 15.88, -29.82
CIE LCh	80, 33.784, 298.029
Yxy	57.3356, 0.2763, 0.2597
Android (android.graphics.Color)	4291412223 (0xFFC9C0FF)
YUV	201.8730, 26.1916, -0.7656
Hunter-Lab	75.7203, 11.2555, -27.2055

Details

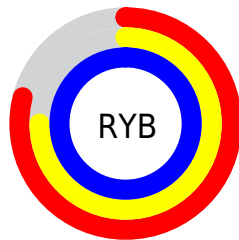
The YIQ color $201.8730, -14.8590, 21.5010$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.1270, 14.8590, -21.5010$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $147.8190, -14.7670, 19.8330$ is the 20% darker color. If you saturate the color by 10%, you get $180.6200, -21.0960, 29.9120$, and if you desaturate by 10%, it is $223.1260, -8.6220, 13.0900$.

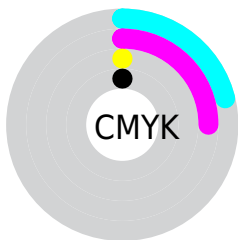
Distribution



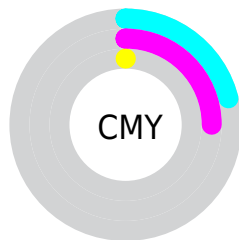
- Red (79%)
- Green (75%)
- Blue (100%)



- Red (79%)
- Yellow (75%)
- Blue (100%)



- Cyan (21%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.8730, -14.8590, 21.5010 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 201.8730, -14.8590, 21.5010 by changing the saturation by 10% instead.

■ 201.8730,
-14.8590, 21.5010

■ 201.8730,
-14.8590, 21.5010

■ 255.0000, -0.0000,
-0.0000

■ 174.3460,
-14.8130, 20.6670

■ 250.8910, 1.9250,
3.6610

■ 147.8190,
-14.7670, 19.8330

■ 121.7050,
-14.4460, 19.5220

■ 96.7650, -14.6750,
18.1650

■ 72.2380, -14.6290,
17.3310

■ 48.9990, -15.4540,
15.7620

■ 27.0480, -17.1500,

13.4580

■ 5.3580, -15.0870,
14.6170

■ 3.4370, -8.3000,
7.2520

■ 201.8730,
-14.8590, 21.5010

■ 201.8730,
-14.8590, 21.5010

■ 180.6200,
-21.0960, 29.9120

■ 223.1260, -8.6220,
13.0900

■ 158.7800,
-27.0580, 38.8460

■ 244.9660, -2.6600,
4.1560

■ 137.5270,
-33.2950, 47.2570

255.0000, -0.0000,
-0.0000

■ 115.9860,
-38.6610, 56.4030

■ 94.7330, -44.8980,
64.8140

■ 72.8930, -50.8600,
73.7480

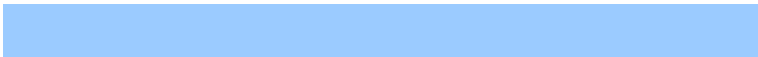
■ 51.6400, -57.0970,
82.1590

■ 40.1330, -59.8030,
87.1490

Harmonies

Analogous

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



194.5760, -45.3000, 5.9960



201.8730, -14.8590, 21.5010



204.5580, 17.0050, 27.7330

Triad

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



201.8730, -14.8590, 21.5010



200.3910, 50.0670, 1.2270



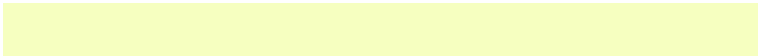
185.3040, -51.6670, -27.3070

Complementary

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



201.8730, -14.8590, 21.5010



245.1270, 14.8590, -21.5010

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.



189.8870, -19.7560, -27.4360



201.8730, -14.8590, 21.5010



198.1190, 35.6730, -13.2470

Square

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



201.8730, -14.8590, 21.5010



200.2250, 48.1390, 14.1470



194.0340, 10.6870, -22.9850



182.0860, -74.1800, -21.2840

Rectangle

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



201.8730, -14.8590, 21.5010



204.1270, 34.3360, 27.5200



194.0340, 10.6870, -22.9850



186.7520, -41.3050, -27.8730

Sweetspot

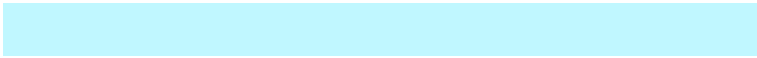
The Sweet Spot groups the original color and five complimentary colors.



201.8730, -14.8590, 21.5010



239.9490, -3.9900, 6.2340



231.4670, -35.3480, -9.1720



118.8520, -2.3390, 3.8450



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.



201.8730, -14.8590, 21.5010



190.6540, -18.4360, 25.7560



211.1420, 3.6170, 28.0730



117.0800, -2.9810, 4.4670



29.8470, -45.2190, 65.1250



9.9870, -15.1800, 21.8120

Inverse Universe

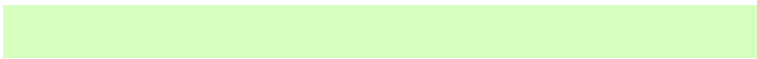
The Inverse Universe completely reimagines the original color for something new.



216.9930, 20.2140, 30.1500



209.1340, 24.4310, 36.3270



235.8580, -3.6170, -28.0730



120.1410, 4.2170, 6.1770



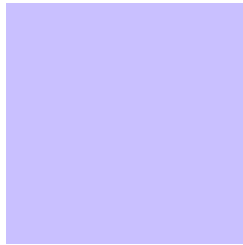
75.8050, 61.1920, 91.4960



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 201.8730, -14.8590, 21.5010 looks on a white background.

Color Contrast Check

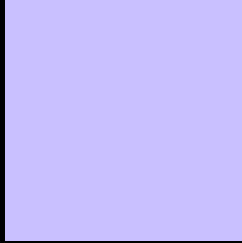
Large Text (above 18pt) WCAG AA × Fail

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 201.8730, -14.8590, 21.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

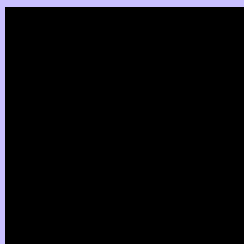
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.8730, -14.8590, 21.5010

Background



This preview shows how black text looks on a background with the YIQ color 201.8730, -14.8590, 21.5010.

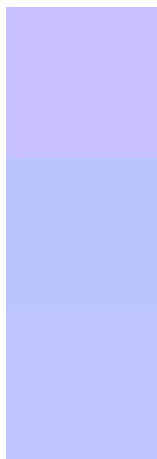


This preview shows how white text looks on a background with the YIQ color 201.8730, -14.8590,

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

201.8730, -14.8590, 21.5010

Protanopia

199.7250, -26.3660, 15.2820

Deuteranopia

200.8180, -22.1940, 16.7660



Tritanopia

199.3290, -8.1160, 3.9160

Trichromacy



Original Color

201.8730, -14.8590, 21.5010

Protanomaly

200.3450, -22.2400, 17.6000

Deuteranomaly

201.4270, -19.5350, 18.1370

Tritanomaly

200.1750, -10.3180, 10.7860

Monochromacy



Original Color

201.8730, -14.8590, 21.5010

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8180, -4.9990, 8.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8730, -14.8590, 21.5010 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(201, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 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(201, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 255) }
```

Border

The CSS property to change the border of an element to YIQ 201.8730, -14.8590, 21.5010 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(201, 192, 255) }
```


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

```
.border{ border-color:rgb(201, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8730, -14.8590, 21.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 255) }
```

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

```
.background{ background-color: rgb(201,  
192, 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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