

Converting Colors

YIQ(219.9130, -21.5040, 4.2560)

Have a look what the booklet for
YIQ(219.9130, -21.5040, 4.2560)
contains.

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Color

**YIQ(219.9130, -21.5040,
4.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	CADFFB
RGB	202, 223, 251
RGB Percent	79%, 87%, 98%
CMY	0.2079, 0.1254, 0.0158
CMYK	0.20, 0.11, 0.00, 0.02
HSL	214°, 86%, 89%
HSV	214°, 20%, 98%
XYZ	68.1532, 72.2988, 101.6072
YIQ	219.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

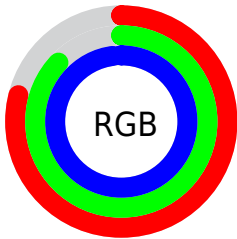
Format	Color
R _Y B	202, 217, 251
Decimal	13295611
CIE Lab	88.11, -1.23, -15.94
CIE LCh	88, 15.986, 265.578
Yxy	72.2988, 0.2816, 0.2987
Android (android.graphics.Color)	4291485691 (0xFFCADFFB)
YUV	219.9130, 15.3259, -15.7097
Hunter-Lab	85.0287, -5.7268, -11.3300

Details

The YIQ color $219.9130, -21.5040, 4.2560$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.0870, 21.5040, -4.2560$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.6850, -20.8620, 3.6340$ is the 20% darker color. If you saturate the color by 10%, you get $204.2200, -32.5540, 6.2780$, and if you desaturate by 10%, it is $235.6060, -10.4540, 2.2340$.

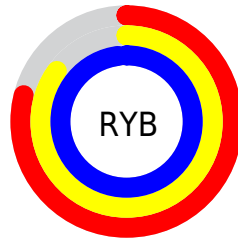
Distribution



Red (79%)

Green (87%)

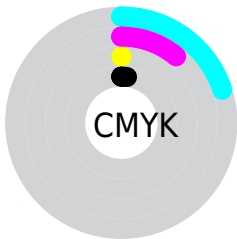
Blue (98%)



Red (79%)

Yellow (85%)

Blue (98%)

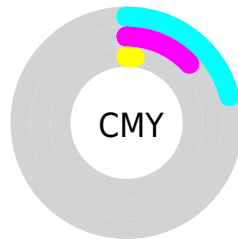


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9130, -21.5040, 4.2560 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 219.9130, -21.5040, 4.2560 by changing the saturation by 10% instead.

■ 219.9130,
-21.5040, 4.2560

■ 219.9130,
-21.5040, 4.2560

255.0000, -0.0000,
-0.0000

■ 191.7990,
-21.1830, 3.9450

■ 164.6850,
-20.8620, 3.6340

■ 138.5710,
-20.5410, 3.3230

■ 112.8700,
-19.9450, 3.5350

■ 87.7560, -19.6240,
3.2240

■ 64.3430, -19.8990,
2.7010

■ 41.8160, -19.8530,

1.8670

■ 19.8050, -21.3200,
0.9200

■ 3.3230, -7.9790,
6.9410

■ 219.9130,
-21.5040, 4.2560

■ 219.9130,
-21.5040, 4.2560

■ 204.2200,
-32.5540, 6.2780

■ 235.6060,
-10.4540, 2.2340

■ 187.9400,
-43.3290, 8.8230

■ 251.8860, 0.3210,
-0.3110

■ 172.2470,
-54.3790, 10.8450

■ 254.5440, 1.2840,
-1.2440

■ 156.5540,
-65.4290, 12.8670

■ 140.2740,
-76.2040, 15.4120

■ 124.2820,
-87.8500, 17.2220

■ 108.5890,
-98.9000, 19.2440

■ 92.3090,
-109.6750, 21.7890

■ 92.0100,
-110.2710, 21.5770

Harmonies

Analogous

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



217.2060, -29.9390, -2.5710



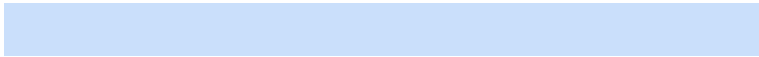
219.9130, -21.5040, 4.2560



222.3170, -7.8420, 9.9660

Triad

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



219.9130, -21.5040, 4.2560



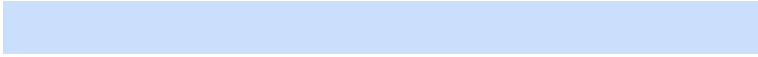
223.6290, 26.2700, 8.4940



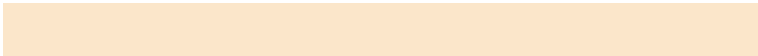
217.3760, -7.4710, -13.2870

Complementary

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



219.9130, -21.5040, 4.2560



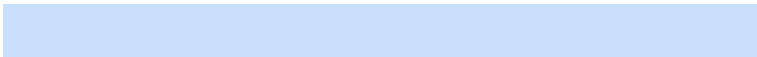
233.0870, 21.5040, -4.2560

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.



218.9710, 6.9710, -10.7010



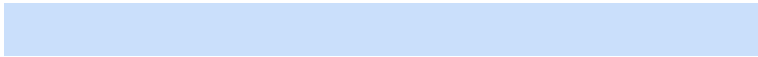
219.9130, -21.5040, 4.2560



222.1140, 26.0420, 1.6100

Square

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



219.9130, -21.5040, 4.2560



224.4420, 19.6670, 12.5230



220.8910, 19.1200, -5.1040



216.0740, -21.1800, -12.6360

Rectangle

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



219.9130, -21.5040, 4.2560



223.7590, 2.6570, 12.4250



220.8910, 19.1200, -5.1040



217.8280, -2.9320, -12.9480

Sweetspot

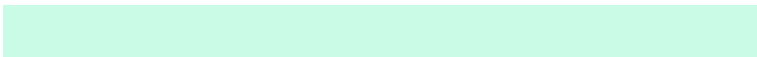
The Sweet Spot groups the original color and five complimentary colors.



219.9130, -21.5040, 4.2560



245.2320, -6.4650, 1.5270



233.9550, -22.4630, -16.9190



121.7870, -3.7140, 1.2300



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.



219.9130, -21.5040, 4.2560



217.9880, -26.0890, 4.7510



208.4830, -13.9410, 15.8750



117.0040, -5.8230, 0.9050



69.0930, -82.9440, 16.4160



22.2160, -26.7310, 5.3730

Inverse Universe

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



219.0450, 22.4630, 16.9190



216.6050, 26.8180, 20.5940



244.5170, 13.9410, -15.8750



116.5710, 5.8220, 4.6220



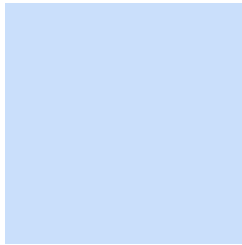
65.7450, 86.6430, 65.2590



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 219.9130, -21.5040, 4.2560 looks on a white background.

Color Contrast Check

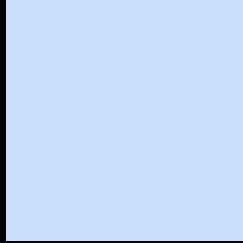
Large Text (above 18pt) WCAG AA × Fail

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 219.9130, -21.5040, 4.2560 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 219.9130, -21.5040, 4.2560

Background



This preview shows how black text looks on a background with the YIQ color 219.9130, -21.5040, 4.2560.



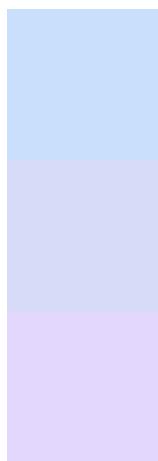
This preview shows how white text looks on a background with the YIQ color 219.9130, -21.5040,

4.2560.

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

219.9130, -21.5040, 4.2560

Protanopia

221.4090, -11.0970, 8.3830

Deuteranopia

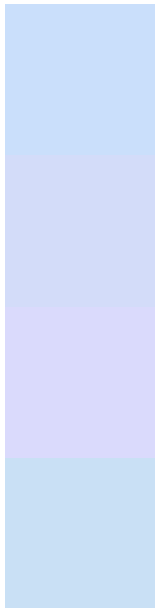
222.9200, -5.0460, 14.3620



Tritanopia

218.8760, -20.0820, 0.5100

Trichromacy



Original Color

219.9130, -21.5040, 4.2560

Protanomaly

220.6150, -14.6730, 7.1110

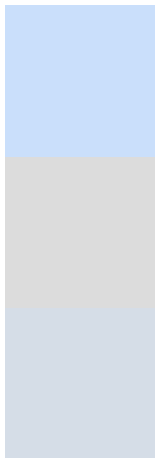
Deuteranomaly

221.8760, -10.9140, 10.5740

Tritanomaly

219.5170, -20.4490, 1.6550

Monochromacy



Original Color

219.9130, -21.5040, 4.2560

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7480, -7.9780, 1.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9130, -21.5040, 4.2560 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(202, 223, 251)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 251)  
}
```

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(202, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 251) }
```

Border

The CSS property to change the border of an element to YIQ 219.9130, -21.5040, 4.2560 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(202, 223, 251) }
```


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

```
.border{ border-color:rgb(202, 223, 251) }
```

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

Here you see how a box with a 4 pixel rgb(202, 223, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9130, -21.5040, 4.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 251) }
```

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

```
.background{ background-color: rgb(202,  
223, 251) }
```

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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