

# Converting Colors

YIQ(219.1960, -14.8110, 9.6130)

Have a look what the booklet for  
YIQ(219.1960, -14.8110, 9.6130)  
contains.

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# Color

**YIQ(219.1960, -14.8110,  
9.6130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D9FC
RGB	211, 217, 252
RGB Percent	83%, 85%, 99%
CMY	0.1725, 0.1490, 0.0118
CMYK	0.16, 0.14, 0.00, 0.01
HSL	231°, 87%, 91%
HSV	231°, 16%, 99%
XYZ	69.2453, 70.5031, 102.0361
YIQ	219.1960, -14.8110, 9.6130

# Conversions

## Conversions Part 2

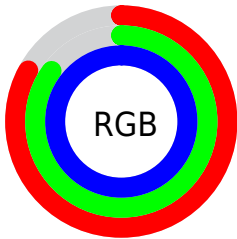
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 216, 252
Decimal	13883900
CIE <sub>Lab</sub>	87.24, 4.89, -17.71
CIE <sub>LCh</sub>	87, 18.375, 285.439
Yxy	70.5031, 0.2864, 0.2916
Android (android.graphics.Color)	4292073980 (0xFFD3D9FC)
YUV	219.1960, 16.1724, -7.1879
Hunter-Lab	83.9661, 0.2648, -13.2732

# Details

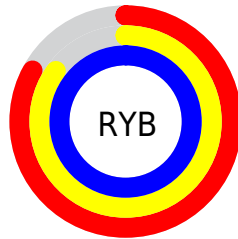
The YIQ color  $219.1960, -14.8110, 9.6130$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $243.8040, 14.8110, -9.6130$ , and the grayscale version is  $219.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $163.9680, -14.1690, 8.9910$  is the 20% darker color. If you saturate the color by 10%, you get  $199.3940, -23.9360, 15.2960$ , and if you desaturate by 10%, it is  $239.5850, -5.9610, 3.4070$ .

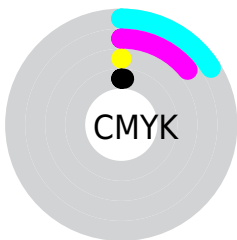
# Distribution



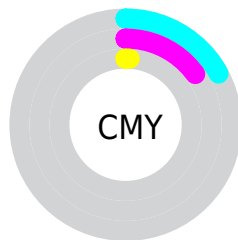
- Red (83%)
- Green (85%)
- Blue (99%)



- Red (83%)
- Yellow (85%)
- Blue (99%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (15%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 219.1960, -14.8110, 9.6130 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 219.1960, -14.8110, 9.6130 by changing the saturation by 10% instead.



■ 219.1960,  
-14.8110, 9.6130

■ 219.1960,  
-14.8110, 9.6130

■ 255.0000, -0.0000,  
-0.0000

■ 191.0820,  
-14.4900, 9.3020

■ 163.9680,  
-14.1690, 8.9910

■ 137.8540,  
-13.8480, 8.6800

■ 112.4410,  
-14.1230, 8.1570

■ 87.6260, -13.2060,  
8.0580

■ 64.0990, -13.1600,  
7.2240

■ 41.6860, -13.4350,

6.7010

■ 20.4470, -14.2600,  
5.1320

■ 3.4370, -8.3000,  
7.2520

■ 219.1960,  
-14.8110, 9.6130

■ 219.1960,  
-14.8110, 9.6130

■ 199.3940,  
-23.9360, 15.2960

■ 239.5850, -5.9610,  
3.4070

■ 179.0050,  
-32.7860, 21.5020

254.6580, 0.9630,  
-0.9330

■ 158.3170,  
-42.2320, 27.4960

■ 138.5150,  
-51.3570, 33.1790

■ 118.1260,  
-60.2070, 39.3850

■ 98.3240, -69.3320,  
45.0680

■ 77.9350, -78.1820,  
51.2740

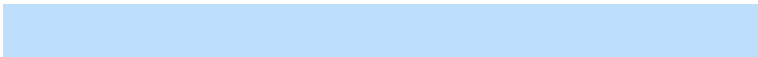
■ 57.8340, -87.9030,  
56.7450

■ 50.4470, -91.0670,  
59.0210

# Harmonies

## Analogous

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



216.1400, -29.5730, 1.8110



219.1960, -14.8110, 9.6130



221.2260, 2.8400, 14.6160

# Triad

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



219.1960, -14.8110, 9.6130



220.1470, 30.4430, 4.4510



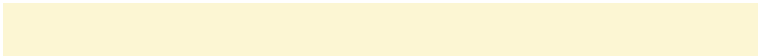
212.9770, -19.5290, -15.0250

# Complementary

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



219.1960, -14.8110, 9.6130



243.8040, 14.8110, -9.6130

# 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.



214.8880, -3.1610, -14.3050



219.1960, -14.8110, 9.6130



219.3540, 25.1260, -3.8180

# Square

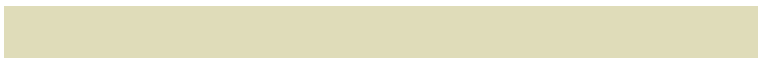
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.1960, -14.8110, 9.6130



221.6940, 27.6450, 11.1090



216.9070, 13.0230, -10.2490



212.3270, -32.1380, -12.2820



# Rectangle

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



219.1960, -14.8110, 9.6130



221.6140, 13.4310, 15.4070



216.9070, 13.0230, -10.2490



213.3150, -14.6690, -14.9970

# Sweetspot

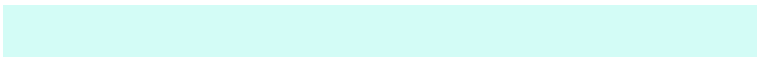
The Sweet Spot groups the original color and five complimentary colors.



219.1960, -14.8110, 9.6130



244.6560, -4.7230, 2.9970



239.0570, -22.5100, -10.5580



121.4990, -2.8430, 1.9650



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.



219.1960, -14.8110, 9.6130



213.9230, -18.2960, 12.2000



219.8600, -4.8170, 15.7190



114.6560, -4.7230, 2.9970



37.9820, -68.3690, 44.1350



12.2370, -22.0560, 14.2640



# Inverse Universe

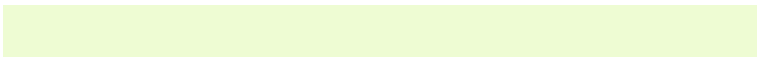
The Inverse Universe completely reimagines the original color for something new.



223.9430, 22.5100, 10.5580



220.0470, 28.1490, 12.9890



243.1400, 4.8170, -15.7190



116.1150, 7.1060, 3.3780



59.7030, 103.6560, 48.7760

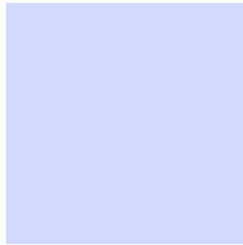


19.2650, 33.4670, 15.7310



# Previews

## White Background



This preview shows how the YIQ color 219.1960, -14.8110, 9.6130 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

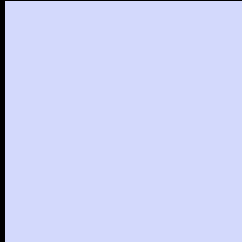
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 219.1960, -14.8110, 9.6130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

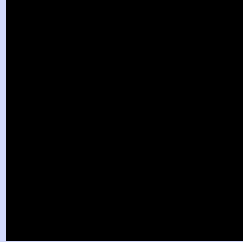
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 219.1960, -14.8110, 9.6130

## Background



This preview shows how black text looks on a background with the YIQ color 219.1960, -14.8110, 9.6130.



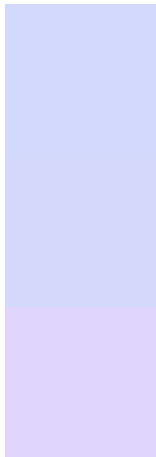
This preview shows how white text looks on a background with the YIQ color 219.1960, -14.8110, 9.6130.

9.6130.

# 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

219.1960, -14.8110, 9.6130

### Protanopia

219.4950, -14.2150, 9.8250

### Deuteranopia

220.5500, -6.8800, 14.5600



## **Tritanopia**

218.3500, -12.6090, 2.7430

# Trichromacy



## Original Color

219.1960, -14.8110, 9.6130

## Protanomaly

219.4950, -14.2150, 9.8250

## Deuteranomaly

219.9410, -9.5390, 13.1890

## Tritanomaly

218.6320, -13.3430, 5.0330

# Monochromacy



## Original Color

219.1960, -14.8110, 9.6130

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

218.8840, -5.3650, 3.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 219.1960, -14.8110, 9.6130 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(211, 217, 252)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 252)  
}
```

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(211, 217, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 252) }
```

## Border

The CSS property to change the border of an element to YIQ 219.1960, -14.8110, 9.6130 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(211, 217, 252) }
```



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

```
.border{ border-color:rgb(211, 217, 252) }
```

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

Here you see how a box with a 4 pixel rgb(211, 217, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 252);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
252) }
```

# Background

The CSS property to change the background color of an element to YIQ 219.1960, -14.8110, 9.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 252) }
```

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

```
.background{ background-color: rgb(211,  
217, 252) }
```

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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