

Converting Colors

YIQ(219.6800, -13.2980, 9.7260)

Have a look what the booklet for
YIQ(219.6800, -13.2980, 9.7260)
contains.

YIQ(219.6800, -13.2980, 9.7260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(219.6800, -13.2980,
9.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9FB
RGB	213, 217, 251
RGB Percent	84%, 85%, 98%
CMY	0.1647, 0.1490, 0.0158
CMYK	0.15, 0.14, 0.00, 0.02
HSL	234°, 83%, 91%
HSV	234°, 15%, 98%
XYZ	69.6642, 70.7370, 101.2320
YIQ	219.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

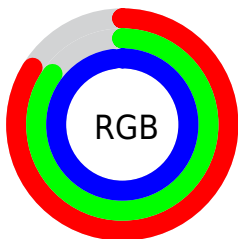
Format	Color
R _Y B	213, 217, 251
Decimal	14014971
CIE Lab	87.36, 5.31, -17.00
CIE LCh	87, 17.808, 287.333
Yxy	70.7370, 0.2883, 0.2927
Android (android.graphics.Color)	4292205051 (0xFFD5D9FB)
YUV	219.6800, 15.4408, -5.8584
Hunter-Lab	84.1053, 0.6668, -12.4898

Details

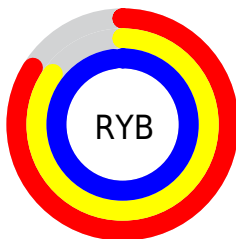
The YIQ color $219.6800, -13.2980, 9.7260$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.3200, 13.2980, -9.7260$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.4520, -12.6560, 9.1040$ is the 20% darker color. If you saturate the color by 10%, you get $199.2910, -22.1480, 15.9320$, and if you desaturate by 10%, it is $240.0690, -4.4480, 3.5200$.

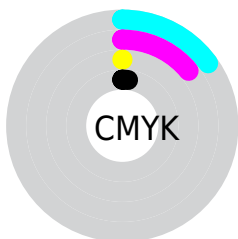
Distribution



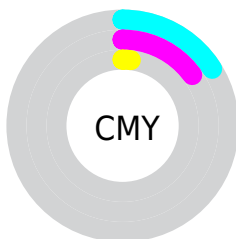
- Red (84%)
- Green (85%)
- Blue (98%)



- Red (84%)
- Yellow (85%)
- Blue (98%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.6800, -13.2980, 9.7260 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 219.6800, -13.2980, 9.7260 by changing the saturation by 10% instead.

■ 219.6800,
-13.2980, 9.7260

■ 219.6800,
-13.2980, 9.7260

255.0000, -0.0000,
-0.0000

■ 191.5660,
-12.9770, 9.4150

■ 164.4520,
-12.6560, 9.1040

■ 138.3380,
-12.3350, 8.7930

■ 112.9250,
-12.6100, 8.2700

■ 88.1100, -11.6930,
8.1710

■ 64.6970, -11.9680,
7.6480

■ 42.1700, -11.9220,

6.8140

■ 21.3440, -12.4720,
5.7680

■ 3.3230, -7.9790,
6.9410

■ 219.6800,
-13.2980, 9.7260

■ 219.6800,
-13.2980, 9.7260

■ 199.2910,
-22.1480, 15.9320

■ 240.0690, -4.4480,
3.5200

■ 178.3150,
-30.7230, 22.6610

■ 254.5440, 1.2840,
-1.2440

■ 157.9260,
-39.5730, 28.8670

■ 136.9500,
-48.1480, 35.5960

■ 116.5610,
-56.9980, 41.8020

■ 95.2860, -66.1690,
48.3190

■ 74.8970, -75.0190,
54.5250

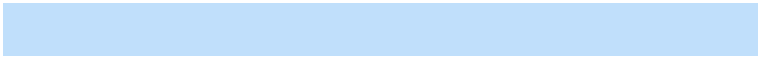
■ 53.9210, -83.5940,
61.2540

■ 43.8760, -87.7210,
64.4630

Harmonies

Analogous

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



216.9230, -27.4640, 2.1360



219.6800, -13.2980, 9.7260



221.9980, 3.4820, 13.9940

Triad

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



219.6800, -13.2980, 9.7260



220.5490, 29.2510, 4.0270



213.2050, -20.1710, -14.4030

Complementary

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



219.6800, -13.2980, 9.7260



244.3200, 13.2980, -9.7260

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.



215.4040, -4.6740, -14.4180



219.6800, -13.2980, 9.7260



218.8700, 23.6130, -3.9310

Square

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



219.6800, -13.2980, 9.7260



221.6940, 27.6450, 11.1090



217.4230, 11.5100, -10.3620



213.0390, -31.2670, -11.5470

Rectangle

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



219.6800, -13.2980, 9.7260



222.3860, 14.0730, 14.7850



217.4230, 11.5100, -10.3620



214.0160, -15.2650, -15.2090

Sweetspot

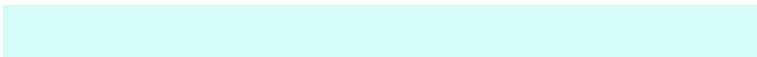
The Sweet Spot groups the original color and five complimentary colors.



219.6800, -13.2980, 9.7260



244.6560, -4.7230, 2.9970



239.1820, -21.3640, -9.3000



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.



219.6800, -13.2980, 9.7260



217.1790, -16.1410, 11.6910



221.8170, -3.2580, 14.9980



114.6560, -4.7230, 2.9970



33.2860, -66.1690, 48.3190



10.4760, -21.2310, 15.8330

Inverse Universe

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



224.8180, 21.3640, 9.3000



223.3240, 25.8110, 11.3070



242.1830, 3.2580, -14.9980



116.1150, 7.1060, 3.3780



58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 219.6800, -13.2980, 9.7260 looks on a white background.

Color Contrast Check

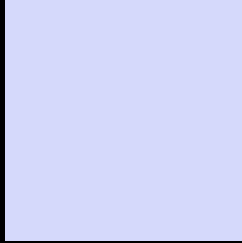
Large Text (above 18pt) WCAG AA × Fail

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 219.6800, -13.2980, 9.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

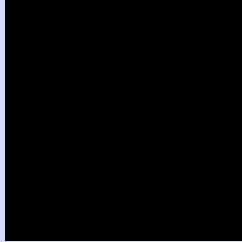
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.6800, -13.2980, 9.7260

Background



This preview shows how black text looks on a background with the YIQ color 219.6800, -13.2980, 9.7260.



This preview shows how white text looks on a background with the YIQ color 219.6800, -13.2980,

9.7260.

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

219.6800, -13.2980, 9.7260

Protanopia

219.6800, -13.2980, 9.7260

Deuteranopia

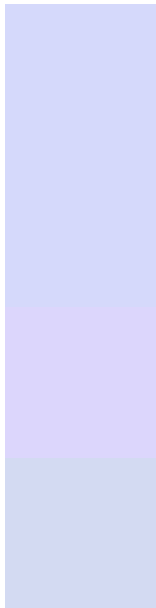
220.7350, -5.9630, 14.4610



Tritanopia

218.3610, -11.1420, 3.6900

Trichromacy



Original Color

219.6800, -13.2980, 9.7260

Protanomaly

219.6800, -13.2980, 9.7260

Deuteranomaly

220.1260, -8.6220, 13.0900

Tritanomaly

218.6430, -11.8760, 5.9800

Monochromacy



Original Color

219.6800, -13.2980, 9.7260

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.6800, -13.2980, 9.7260 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(213, 217, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 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(213, 217, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 251) }
```

Border

The CSS property to change the border of an element to YIQ 219.6800, -13.2980, 9.7260 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(213, 217, 251) }
```


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

```
.border{ border-color:rgb(213, 217, 251) }
```

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

Here you see how a box with a 4 pixel rgb(213, 217, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 219.6800, -13.2980, 9.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 251) }
```

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

```
.background{ background-color: rgb(213,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor