

Converting Colors

YIQ(218.3910, -19.8540, 7.3940)

Have a look what the booklet for
YIQ(218.3910, -19.8540, 7.3940)
contains.

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Color

**YIQ(218.3910, -19.8540,
7.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDBFD
RGB	204, 219, 253
RGB Percent	80%, 86%, 99%
CMY	0.2000, 0.1411, 0.0079
CMYK	0.19, 0.13, 0.00, 0.01
HSL	222°, 92%, 90%
HSV	222°, 19%, 99%
XYZ	67.9594, 70.5934, 102.9502
YIQ	218.3910, -19.8540, 7.3940

Conversions

Conversions Part 2

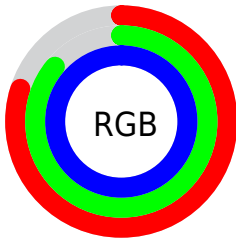
Format	Color
RYB	204, 215, 253
Decimal	13425661
CIELab	87.29, 1.90, -18.22
CIELCh	87, 18.317, 275.952
Yxy	70.5934, 0.2814, 0.2923
Android (android.graphics.Color)	4291615741 (0xFFCCDBFD)
YUV	218.3910, 17.0622, -12.6209
Hunter-Lab	84.0199, -2.6552, -13.8346

Details

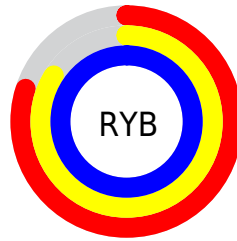
The YIQ color $218.3910, -19.8540, 7.3940$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $238.6090, 19.8540, -7.3940$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.1630, -19.2120, 6.7720$ is the 20% darker color. If you saturate the color by 10%, you get $200.3500, -29.8040, 11.5080$, and if you desaturate by 10%, it is $236.4320, -9.9040, 3.2800$.

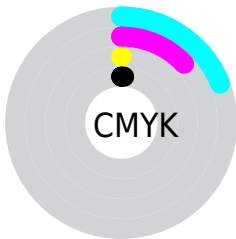
Distribution



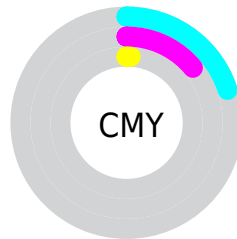
- Red (80%)
- Green (86%)
- Blue (99%)



- Red (80%)
- Yellow (84%)
- Blue (99%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.3910, -19.8540, 7.3940 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 218.3910, -19.8540, 7.3940 by changing the saturation by 10% instead.

■ 218.3910,
-19.8540, 7.3940

■ 218.3910,
-19.8540, 7.3940

255.0000, -0.0000,
-0.0000

■ 190.2770,
-19.5330, 7.0830

■ 163.1630,
-19.2120, 6.7720

■ 137.0490,
-18.8910, 6.4610

■ 111.9350,
-18.5700, 6.1500

■ 86.8210, -18.2490,
5.8390

■ 63.2940, -18.2030,
5.0050

■ 40.8810, -18.4780,

4.4820

■ 19.0440, -20.4950,
2.4890

■ 3.4370, -8.3000,
7.2520

■ 218.3910,
-19.8540, 7.3940

■ 218.3910,
-19.8540, 7.3940

■ 200.3500,
-29.8040, 11.5080

■ 236.4320, -9.9040,
3.2800

■ 182.5970,
-40.6250, 14.8870

■ 254.1850, 0.9170,
-0.0990

■ 164.5560,
-50.5750, 19.0010

■ 254.7720, 0.6420,
-0.6220

■ 147.1020,
-60.8000, 22.5920

■ 129.0610,
-70.7500, 26.7060

■ 111.3080,
-81.5710, 30.0850

■ 93.2670, -91.5210,
34.1990

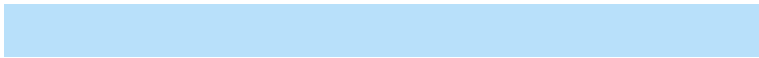
■ 75.8130,
-101.7460, 37.7900

■ 74.6280,
-102.6630, 37.8890

Harmonies

Analogous

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



215.0040, -32.1860, -0.3940



218.3910, -19.8540, 7.3940



220.7630, -3.1660, 13.3300

Triad

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



218.3910, -19.8540, 7.3940



221.0270, 30.9010, 7.1650



213.9020, -14.9440, -15.5200

Complementary

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



218.3910, -19.8540, 7.3940



238.6090, 19.8540, -7.3940

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.



215.6390, 1.9740, -13.7540



218.3910, -19.8540, 7.3940



219.6040, 27.4180, -1.3020

Square

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



218.3910, -19.8540, 7.3940



222.3780, 25.7190, 12.9750



218.0000, 17.1950, -8.7650



212.6540, -28.7450, -13.2010

Rectangle

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



218.3910, -19.8540, 7.3940



221.8630, 8.2960, 14.8560



218.0000, 17.1950, -8.7650



214.5390, -9.4880, -15.2800

Sweetspot

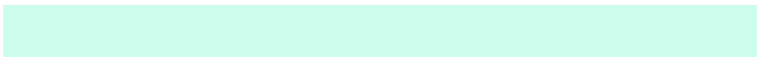
The Sweet Spot groups the original color and five complimentary colors.



218.3910, -19.8540, 7.3940



244.0580, -5.9150, 2.5730



236.5250, -24.0680, -15.3640



121.2000, -3.4390, 1.7530



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.



218.3910, -19.8540, 7.3940



213.2920, -23.8890, 8.9350



212.2770, -10.3650, 17.1470



118.8300, -5.2730, 1.9510



56.4070, -77.5360, 28.5440



19.0360, -26.0440, 9.4440

Inverse Universe

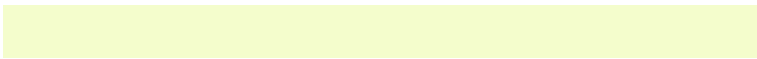
The Inverse Universe completely reimagines the original color for something new.



220.3610, 24.3890, 15.0530



215.6930, 29.3860, 18.1060



244.7230, 10.3650, -17.1470



119.3430, 6.4640, 4.0000



63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 218.3910, -19.8540, 7.3940 looks on a white background.

Color Contrast Check

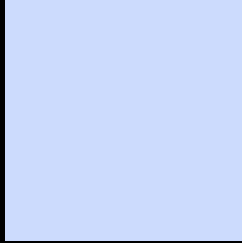
Large Text (above 18pt) WCAG AA × Fail

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 218.3910, -19.8540, 7.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

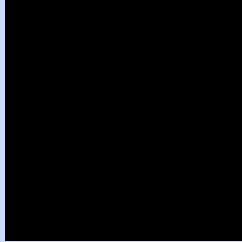
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.3910, -19.8540, 7.3940

Background



This preview shows how black text looks on a background with the YIQ color 218.3910, -19.8540, 7.3940.

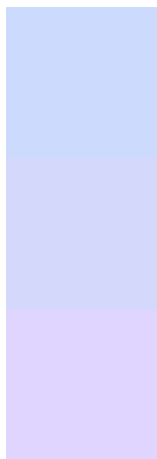


This preview shows how white text looks on a background with the YIQ color 218.3910, -19.8540,

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

218.3910, -19.8540, 7.3940

Protanopia

219.3810, -13.8940, 9.5140

Deuteranopia

220.6640, -7.2010, 14.8710



Tritanopia

217.0720, -17.6980, 1.3580

Trichromacy



Original Color

218.3910, -19.8540, 7.3940

Protanomaly

219.1850, -16.2780, 8.6660

Deuteranomaly

219.7450, -11.9230, 12.3410

Tritanomaly

217.3540, -18.4320, 3.6480

Monochromacy



Original Color

218.3910, -19.8540, 7.3940

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9870, -7.1530, 2.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.3910, -19.8540, 7.3940 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(204, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(204, 219, 253)  
}
```

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(204, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 219, 253) }
```

Border

The CSS property to change the border of an element to YIQ 218.3910, -19.8540, 7.3940 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(204, 219, 253) }
```


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

```
.border{ border-color:rgb(204, 219, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 219, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 219, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 219, 253);  
box-shadow:4px 4px 4px 4px rgb(204, 219,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 218.3910, -19.8540, 7.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 219, 253) }
```

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

```
.background{ background-color: rgb(204,  
219, 253) }
```

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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