

Converting Colors

YIQ(214.9950, -18.7990, 4.7930)

Have a look what the booklet for
YIQ(214.9950, -18.7990, 4.7930)
contains.

YIQ(214.9950, -18.7990, 4.7930)	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(214.9950, -18.7990,
4.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D9F4
RGB	200, 217, 244
RGB Percent	78%, 85%, 96%
CMY	0.2157, 0.1490, 0.0432
CMYK	0.18, 0.11, 0.00, 0.04
HSL	217°, 67%, 87%
HSV	217°, 18%, 96%
XYZ	64.9580, 68.4381, 95.3548
YIQ	214.9950, -18.7990, 4.7930

Conversions

Conversions Part 2

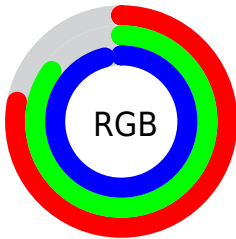
Format	Color
R _Y B	200, 212, 244
Decimal	13162996
CIE Lab	86.23, -0.20, -15.10
CIE LCh	86, 15.099, 269.225
Yxy	68.4381, 0.2840, 0.2992
Android (android.graphics.Color)	4291353076 (0xFFC8D9F4)
YUV	214.9950, 14.2995, -13.1506
Hunter-Lab	82.7273, -4.6137, -10.4308

Details

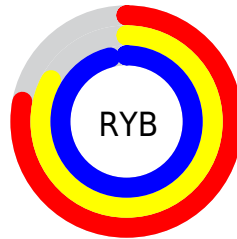
The YIQ color **214.9950, -18.7990, 4.7930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.0050, 18.7990, -4.7930**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.1800, -17.8820, 4.6940** is the 20% darker color. If you saturate the color by 10%, you get **199.0140, -28.9780, 7.5500**, and if you desaturate by 10%, it is **230.9760, -8.6200, 2.0360**.

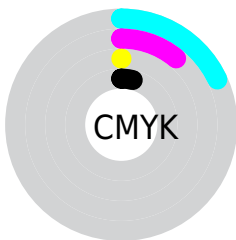
Distribution



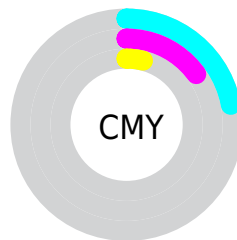
- Red (78%)
- Green (85%)
- Blue (96%)



- Red (78%)
- Yellow (83%)
- Blue (96%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.9950, -18.7990, 4.7930 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 214.9950, -18.7990, 4.7930 by changing the saturation by 10% instead.

■ 214.9950,
-18.7990, 4.7930

■ 214.9950,
-18.7990, 4.7930

255.0000, -0.0000,
-0.0000

■ 186.9950,
-18.7990, 4.7930

■ 160.1800,
-17.8820, 4.6940

■ 134.0660,
-17.5610, 4.3830

■ 108.6530,
-17.8360, 3.8600

■ 83.8380, -16.9190,
3.7610

■ 60.4250, -17.1940,
3.2380

■ 38.0120, -17.4690,

2.7150

■ 16.8870, -18.6150,
1.4570

■ 2.7530, -6.3740,
5.3860

■ 214.9950,
-18.7990, 4.7930

■ 214.9950,
-18.7990, 4.7930

■ 199.0140,
-28.9780, 7.5500

■ 230.9760, -8.6200,
2.0360

■ 182.7340,
-39.7530, 10.0950

■ 247.2560, 2.1550,
-0.5090

■ 166.7530,
-49.9320, 12.8520

■ 253.7460, 3.5310,
-3.4210

■ 150.4730,
-60.7070, 15.3970

■ 134.4920,
-70.8860, 18.1540

■ 118.5110,
-81.0650, 20.9110

■ 102.2310,
-91.8400, 23.4560

■ 86.2500,
-102.0190, 26.2130

■ 82.9940,
-104.1740, 26.7220

Harmonies

Analogous

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



212.4020, -27.5550, -1.7230



214.9950, -18.7990, 4.7930



217.1000, -5.7330, 10.2910

Triad

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



214.9950, -18.7990, 4.7930



218.0910, 24.8490, 6.7130



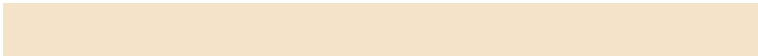
212.4190, -9.0300, -12.5660

Complementary

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



214.9950, -18.7990, 4.7930



229.0050, 18.7990, -4.7930

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.



213.7150, 4.8160, -10.1920



214.9950, -18.7990, 4.7930



216.9180, 23.6580, 0.7620

Square

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



214.9950, -18.7990, 4.7930



218.6160, 19.1170, 11.4770



215.6950, 16.7360, -5.9520



210.7150, -21.5470, -11.4910

Rectangle

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



214.9950, -18.7990, 4.7930



217.9440, 3.5740, 12.3260



215.6950, 16.7360, -5.9520



212.8710, -4.4910, -12.2270

Sweetspot

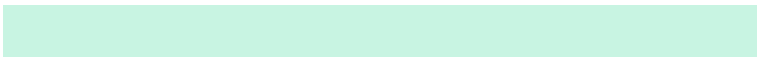
The Sweet Spot groups the original color and five complimentary colors.



214.9950, -18.7990, 4.7930



246.4170, -5.5480, 1.4280



228.7920, -20.4460, -14.9260



122.6730, -3.3930, 0.9190



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.



214.9950, -18.7990, 4.7930



218.2980, -24.0260, 5.9100



206.2120, -11.7400, 14.5320



114.3030, -5.2270, 1.1170



63.4680, -79.5060, 20.1900



20.2270, -25.2640, 6.3200

Inverse Universe

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



215.0940, 20.7670, 14.6150



218.2520, 26.3140, 18.7140



237.7880, 11.7400, -14.5320



114.1580, 5.5470, 4.0990



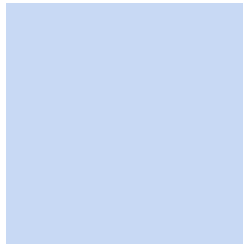
63.8220, 87.7440, 61.8240



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 214.9950, -18.7990, 4.7930 looks on a white background.

Color Contrast Check

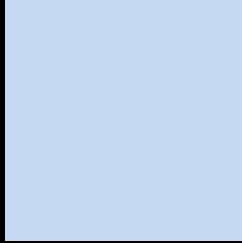
Large Text (above 18pt) WCAG AA × Fail

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 214.9950, -18.7990, 4.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

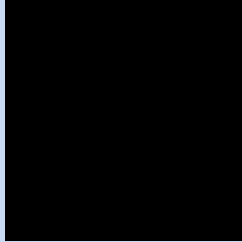
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.9950, -18.7990, 4.7930

Background



This preview shows how black text looks on a background with the YIQ color 214.9950, -18.7990, 4.7930.



This preview shows how white text looks on a background with the YIQ color 214.9950, -18.7990,

4.7930.

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

214.9950, -18.7990, 4.7930

Protanopia

216.2950, -10.7760, 8.0720

Deuteranopia

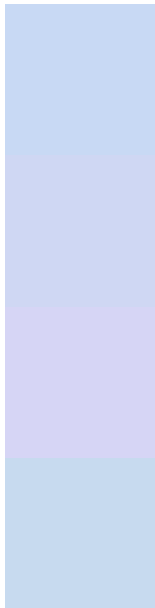
217.5780, -4.0830, 13.4290



Tritanopia

214.0720, -17.6980, 1.3580

Trichromacy



Original Color

214.9950, -18.7990, 4.7930

Protanomaly

215.8000, -13.7560, 7.0120

Deuteranomaly

216.9470, -9.6760, 10.1640

Tritanomaly

214.7130, -18.0650, 2.5030

Monochromacy



Original Color

214.9950, -18.7990, 4.7930

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.3460, -6.7860, 1.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9950, -18.7990, 4.7930 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(200, 217, 244)` looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 244)  
}
```

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(200, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 244) }
```

Border

The CSS property to change the border of an element to YIQ 214.9950, -18.7990, 4.7930 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(200, 217, 244) }
```


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

```
.border{ border-color:rgb(200, 217, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 217, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9950, -18.7990, 4.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 244) }
```

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

```
.background{ background-color: rgb(200,  
217, 244) }
```

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