

Converting Colors

YIQ(219.1950, 2.9840, -21.0480)

Have a look what the booklet for
YIQ(219.1950, 2.9840, -21.0480)
contains.

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Color

**YIQ(219.1950, 2.9840,
-21.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E8B4
RGB	209, 232, 180
RGB Percent	82%, 91%, 71%
CMY	0.1805, 0.0901, 0.2941
CMYK	0.10, 0.00, 0.22, 0.09
HSL	87°, 53%, 81%
HSV	87°, 22%, 91%
XYZ	63.3871, 74.5665, 54.2390
YIQ	219.1950, 2.9840, -21.0480

Conversions

Conversions Part 2

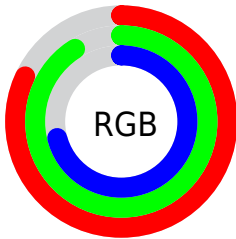
Format	Color
RYB	180, 232, 203
Decimal	13756596
CIELab	89.19, -16.56, 22.82
CIElCh	89, 28.195, 125.972
Yxy	74.5665, 0.3298, 0.3880
Android (android.graphics.Color)	4291946676 (0xFFD1E8B4)
YUV	219.1950, -19.3231, -8.9410
Hunter-Lab	86.3519, -20.0869, 23.2053

Details

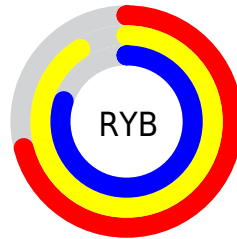
The YIQ color **219.1950, 2.9840, -21.0480** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **192.8050, -2.9840, 21.0480**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.8340, 6.0990, -5.9090**, and **163.8360, 2.6170, -19.9030** is the 20% darker color. If you saturate the color by 10%, you get **213.5830, 4.4070, -30.3210**, and if you desaturate by 10%, it is **224.8070, 1.5610, -11.7750**.

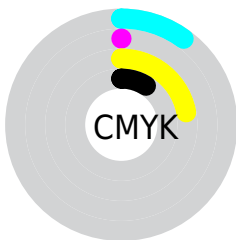
Distribution



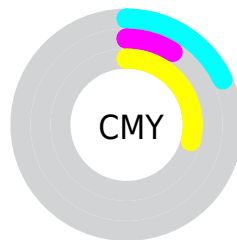
- Red (82%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.1950, 2.9840, -21.0480 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 219.1950, 2.9840, -21.0480 by changing the saturation by 10% instead.

■ 219.1950, 2.9840,
-21.0480

■ 219.1950, 2.9840,
-21.0480

255.0000, -0.0000,
-0.0000

■ 191.3090, 2.6630,
-20.7370

■ 252.8340, 6.0990,
-5.9090

■ 163.8360, 2.6170,
-19.9030

■ 137.9500, 2.2960,
-19.5920

■ 112.0640, 1.9750,
-19.2810

■ 87.5910, 1.9290,
-18.4470

■ 63.8190, 1.2870,
-17.8250

■ 41.2320, 1.5620,

-17.3020

■ 20.5890, -3.7570,
-14.5170

■ 0.0000, 0.0000,
0.0000

■ 219.1950, 2.9840,
-21.0480

■ 219.1950, 2.9840,
-21.0480

■ 213.5830, 4.4070,
-30.3210

■ 224.8070, 1.5610,
-11.7750

■ 207.6720, 5.2340,
-39.8060

■ 230.7180, 0.7340,
-2.2900

■ 201.9460, 6.9780,
-49.3900

■ 236.4440, -1.0100,
7.2940

■ 196.3340, 8.4010,
-58.6630

■ 240.0040, 3.3450,
10.9690

■ 190.7220, 9.8240,
-67.9360

■ 241.4990, 6.3250,
12.0290

■ 184.8110, 10.6510,
-77.4210

■ 179.1990, 12.0740,
-86.6940

■ 174.7550, 13.0840,
-93.9880

Harmonies

Analogous

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



222.4430, 25.9530, -13.3030



219.1950, 2.9840, -21.0480



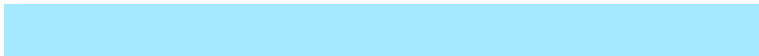
215.5540, -23.0120, -23.4920

Triad

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



219.1950, 2.9840, -21.0480



215.1760, -47.5900, -7.5740



221.6600, 24.9850, 15.2650

Complementary

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



219.1950, 2.9840, -21.0480



192.8050, -2.9840, 21.0480

Split Complementary

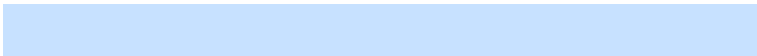
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4990, 15.4930, 22.0930



219.1950, 2.9840, -21.0480



220.6460, -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.



219.1950, 2.9840, -21.0480



213.0280, -59.0970, -13.7930



225.5400, -0.9200, 16.6800



220.4570, 32.5060, 5.6100

Rectangle

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



219.1950, 2.9840, -21.0480



213.3980, -40.0680, -22.7560



225.5400, -0.9200, 16.6800



222.6860, 22.0960, 18.0640

Sweetspot

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



219.1950, 2.9840, -21.0480



250.5560, 1.0100, -7.2940



209.0490, 24.6670, -1.0050



125.2510, 0.5510, -4.4810



0.0000, 0.0000, 0.0000



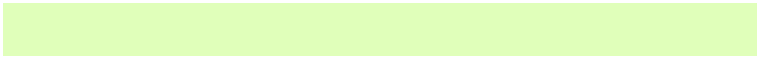
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.1950, 2.9840, -21.0480



237.8650, 3.6730, -28.0310



211.4210, -12.5120, -26.5600



112.1370, 0.8720, -4.7920



134.6740, 9.7790, -72.6290



38.3090, 2.6630, -20.7370

Inverse Universe

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



192.8050, -2.9840, 21.0480



203.1350, -3.6730, 28.0310



200.5790, 12.5120, 26.5600



105.8630, -0.8720, 4.7920



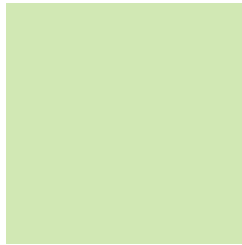
44.0270, -10.3750, 72.4170



12.6910, -2.6630, 20.7370

Previews

White Background



This preview shows how the YIQ color 219.1950, 2.9840, -21.0480 looks on a white background.

Color Contrast Check

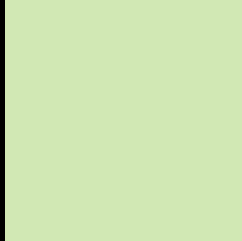
Large Text (above 18pt) WCAG AA × Fail

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 219.1950, 2.9840, -21.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

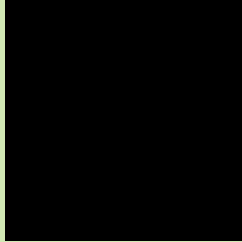
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

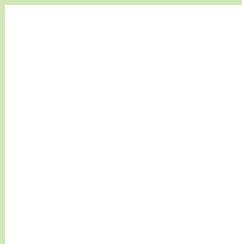
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.1950, 2.9840, -21.0480

Background



This preview shows how black text looks on a background with the YIQ color 219.1950, 2.9840, -21.0480.



This preview shows how white text looks on a background with the YIQ color 219.1950, 2.9840,

-21.0480.

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

219.1950, 2.9840, -21.0480

Protanopia

222.1270, 24.0270, -11.4370

Deuteranopia

224.5830, 31.9110, -0.1290



Tritanopia

224.1440, -9.0330, 4.0150

Trichromacy



Original Color

219.1950, 2.9840, -21.0480

Protanomaly

220.7130, 16.3250, -15.0270

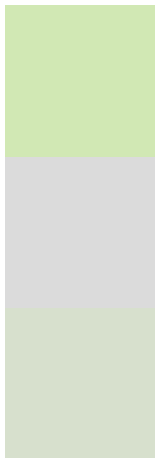
Deuteranomaly

222.6800, 21.0920, -7.8040

Tritanomaly

222.5000, -4.5840, -5.0320

Monochromacy



Original Color

219.1950, 2.9840, -21.0480

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1430, 0.7350, -7.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.1950, 2.9840, -21.0480 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(209, 232, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 232, 180)  
}
```

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(209, 232, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 180) }
```

Border

The CSS property to change the border of an element to YIQ 219.1950, 2.9840, -21.0480 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(209, 232, 180) }
```


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

```
.border{ border-color:rgb(209, 232, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 232, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 232, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 232, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 232,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 219.1950, 2.9840, -21.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 232, 180) }
```

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

```
.background{ background-color: rgb(209,  
232, 180) }
```

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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