

Converting Colors

YIQ(219.9960, -20.5400,
-2.2040)

Have a look what the booklet for
YIQ(219.9960, -20.5400, -2.2040)
contains.

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Color

**YIQ(219.9960, -20.5400,
-2.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E3EF
RGB	199, 227, 239
RGB Percent	78%, 89%, 94%
CMY	0.2197, 0.1097, 0.0628
CMYK	0.17, 0.05, 0.00, 0.06
HSL	198°, 56%, 86%
HSV	198°, 17%, 94%
XYZ	66.5981, 73.3153, 92.2846
YIQ	219.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

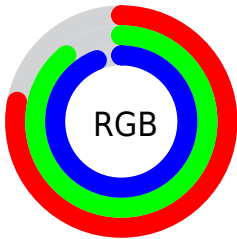
Format	Color
R _Y B	199, 215, 239
Decimal	13100015
CIE Lab	88.60, -6.76, -8.93
CIE LCh	89, 11.198, 232.893
Yxy	73.3153, 0.2868, 0.3157
Android (android.graphics.Color)	4291290095 (0xFFC7E3EF)
YUV	219.9960, 9.3690, -18.4135
Hunter-Lab	85.6244, -11.0065, -3.9648

Details

The YIQ color $219.9960, -20.5400, -2.2040$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.0040, 20.5400, 2.2040$, 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 $165.1810, -19.6230, -2.3030$ is the 20% darker color. If you saturate the color by 10%, you get $208.7110, -32.9190, -3.6310$, and if you desaturate by 10%, it is $231.2810, -8.1610, -0.7770$.

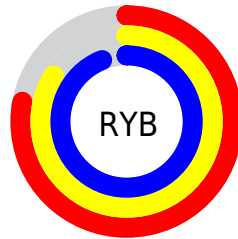
Distribution



Red (78%)

Green (89%)

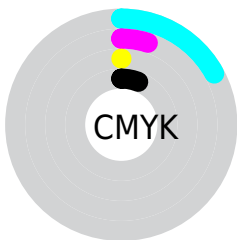
Blue (94%)



Red (78%)

Yellow (84%)

Blue (94%)

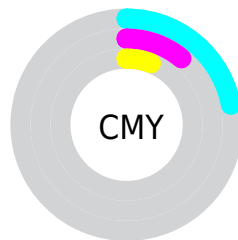


Cyan (17%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9960, -20.5400, -2.2040 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 219.9960, -20.5400, -2.2040 by changing the saturation by 10% instead.

■ 219.9960,
-20.5400, -2.2040

■ 219.9960,
-20.5400, -2.2040

255.0000, -0.0000,
-0.0000

■ 191.9960,
-20.5400, -2.2040

■ 165.1810,
-19.6230, -2.3030

■ 138.4800,
-19.0270, -2.0910

■ 112.4800,
-19.0270, -2.0910

■ 88.3660, -18.7060,
-2.4020

■ 64.6650, -18.1100,
-2.1900

■ 42.2520, -18.3850,

-2.7130

■ 20.5400, -19.2560,
-3.4480

■ 2.2970, -5.0900,
4.1420

■ 219.9960,
-20.5400, -2.2040

■ 219.9960,
-20.5400, -2.2040

■ 208.7110,
-32.9190, -3.6310

■ 231.2810, -8.1610,
-0.7770

■ 197.4260,
-45.2980, -5.0580

■ 242.5660, 4.2180,
0.6500

■ 186.1410,
-57.6770, -6.4850

■ 249.0670, 7.0610,
-1.3150

■ 174.2690,
-69.7810, -7.3890

■ 253.1760, 5.1360,
-4.9760

■ 162.9840,
-82.1600, -8.8160

■ 151.9980,
-93.9430, -10.0310

■ 140.7130,
-106.3220, -11.4580

■ 129.4280,
-118.7010, -12.8850

■ 125.2750,
-122.6440, -13.0120

Harmonies

Analogous

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



219.2470, -19.9890, -6.6850



219.9960, -20.5400, -2.2040



221.6810, -15.0390, 2.7290

Triad

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



219.9960, -20.5400, -2.2040



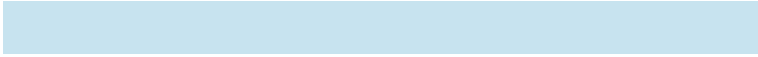
224.5120, 13.4780, 9.0460



221.0080, 5.5490, -6.9550

Complementary

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



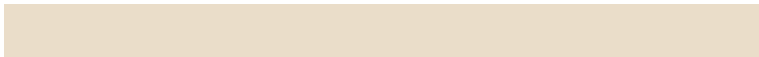
219.9960, -20.5400, -2.2040



218.0040, 20.5400, 2.2040

Split Complementary

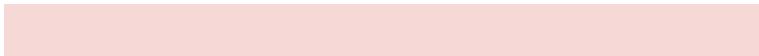
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.6070, 14.1680, -3.4640



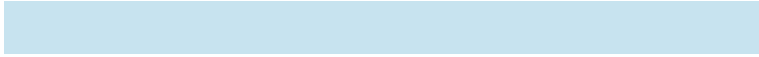
219.9960, -20.5400, -2.2040



224.8560, 18.2010, 6.0490

Square

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



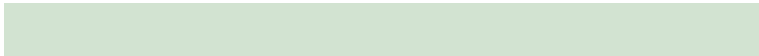
219.9960, -20.5400, -2.2040



224.1350, 4.3540, 9.2020



224.1070, 18.7520, 1.5680



219.8650, -4.3540, -9.2020

Rectangle

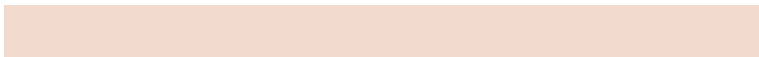
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.9960, -20.5400, -2.2040



222.8990, -9.7210, 5.4710



224.1070, 18.7520, 1.5680



221.5030, 8.5290, -5.8950

Sweetspot

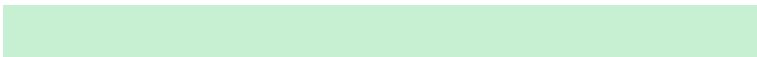
The Sweet Spot groups the original color and five complimentary colors.



219.9960, -20.5400, -2.2040



248.7650, -6.6480, -0.6640



223.7340, -14.5310, -17.4990



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



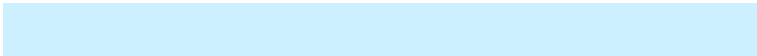
128.0000, -0.0000, -0.0000

Same Dimension

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



219.9960, -20.5400, -2.2040



230.9460, -26.2710, -2.9670



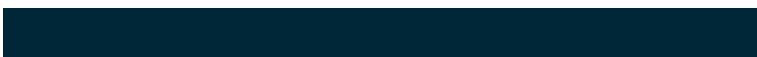
208.8430, -15.3150, 7.7330



114.0640, -6.0520, -0.4520



96.6990, -94.5390, -10.2430



29.2770, -28.7010, -2.9810

Inverse Universe

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



214.1520, 14.8520, 17.1880



223.3530, 18.8400, 22.0080



229.1570, 15.3150, -7.7330



112.5000, 4.5840, 5.0320



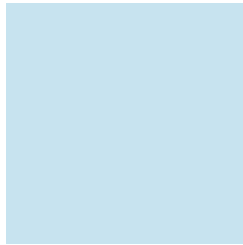
69.7220, 68.2550, 79.1270



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 219.9960, -20.5400, -2.2040 looks on a white background.

Color Contrast Check

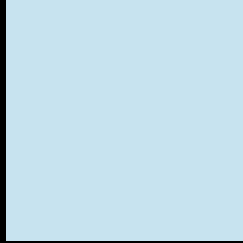
Large Text (above 18pt) WCAG AA × Fail

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 219.9960, -20.5400, -2.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

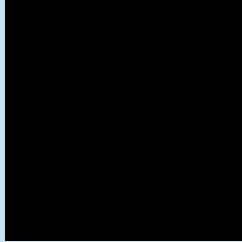
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9960, -20.5400, -2.2040

Background



This preview shows how black text looks on a background with the YIQ color 219.9960, -20.5400, -2.2040.



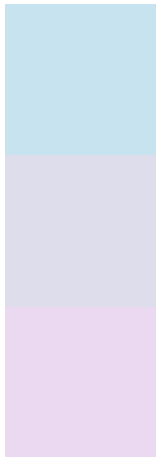
This preview shows how white text looks on a background with the YIQ color 219.9960, -20.5400, -2.2040.

-2.2040.

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

219.9960, -20.5400, -2.2040

Protanopia

222.8950, -3.8980, 4.5660

Deuteranopia

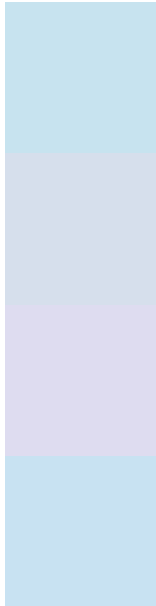
224.5310, 3.2990, 11.8030



Tritanopia

220.2780, -21.2740, 0.0860

Trichromacy



Original Color

219.9960, -20.5400, -2.2040

Protanomaly

221.7910, -9.5370, 2.1350

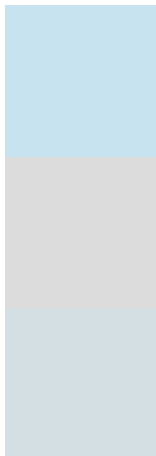
Deuteranomaly

222.8780, -5.2280, 6.6440

Tritanomaly

220.0500, -20.6320, -0.5360

Monochromacy



Original Color

219.9960, -20.5400, -2.2040

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1670, -7.8400, -1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9960, -20.5400, -2.2040 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(199, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 239)  
}
```

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(199, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 239) }
```

Border

The CSS property to change the border of an element to YIQ 219.9960, -20.5400, -2.2040 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(199, 227, 239) }
```


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

```
.border{ border-color:rgb(199, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9960, -20.5400, -2.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 239) }
```

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

```
.background{ background-color: rgb(199,  
227, 239) }
```

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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