

Converting Colors

YIQ(217.7200, -19.9430,
-7.5190)

Have a look what the booklet for
YIQ(217.7200, -19.9430, -7.5190)
contains.

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Color

**YIQ(217.7200, -19.9430,
-7.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E4E3
RGB	194, 228, 227
RGB Percent	76%, 89%, 89%
CMY	0.2393, 0.1058, 0.1099
CMYK	0.15, 0.00, 0.00, 0.11
HSL	178°, 39%, 83%
HSV	178°, 15%, 89%
XYZ	63.8525, 72.5062, 83.2883
YIQ	217.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

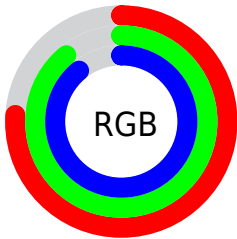
Format	Color
RYB	194, 211, 228
Decimal	12772579
CIELab	88.21, -11.28, -3.23
CIElCh	88, 11.735, 196.002
Yxy	72.5062, 0.2907, 0.3301
Android (android.graphics.Color)	4290962659 (0xFFC2E4E3)
YUV	217.7200, 4.5750, -20.8024
Hunter-Lab	85.1506, -15.1604, 1.6121

Details

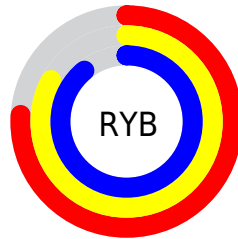
The YIQ color $217.7200, -19.9430, -7.5190$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.2800, 19.9430, 7.5190$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $163.0190, -19.3470, -7.3070$ is the 20% darker color. If you saturate the color by 10%, you get $210.7290, -33.3300, -12.7060$, and if you desaturate by 10%, it is $224.7110, -6.5560, -2.3320$.

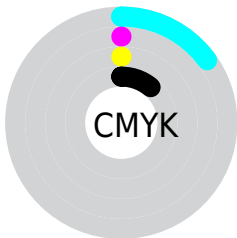
Distribution



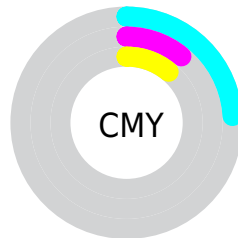
- Red (76%)
- Green (89%)
- Blue (89%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.7200, -19.9430, -7.5190 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 217.7200, -19.9430, -7.5190 by changing the saturation by 10% instead.

■ 217.7200,
-19.9430, -7.5190

■ 217.7200,
-19.9430, -7.5190

■ 255.0000, -0.0000,
-0.0000

■ 190.0190,
-19.3470, -7.3070

■ 253.8040, -2.3840,
-0.8480

■ 163.0190,
-19.3470, -7.3070

■ 136.3180,
-18.7510, -7.0950

■ 110.7310,
-18.4760, -6.5720

■ 86.0300, -17.8800,
-6.3600

■ 62.9160, -17.5590,
-6.6710

■ 40.0300, -17.8800,

-6.3600

■ 19.6280, -16.6880,
-5.9360

■ 0.0000, 0.0000,
0.0000

■ 217.7200,
-19.9430, -7.5190

■ 217.7200,
-19.9430, -7.5190

■ 210.7290,
-33.3300, -12.7060

■ 224.7110, -6.5560,
-2.3320

■ 203.8520,
-47.0380, -17.5820

■ 231.5880, 7.1520,
2.5440

■ 197.1600,
-59.8290, -22.5570

■ 236.1870, 15.7710,
6.0350

■ 190.1690,
-73.2160, -27.7440

■ 236.3010, 15.4500,
6.3460

■ 183.2920,
-86.9240, -32.6200

■ 236.4150, 15.1290,
6.6570

■ 176.3010,
-100.3110, -37.8070

■ 236.5290, 14.8080,
6.9680

■ 169.3100,
-113.6980, -42.9940

■ 236.6430, 14.4870,
7.2790

■ 162.6180,
-126.4890, -47.9690

■ 159.0300,
-133.6410, -50.5130

Harmonies

Analogous

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



218.2600, -12.8360, -9.6680



217.7200, -19.9430, -7.5190



218.5720, -22.2820, -3.6740

Triad

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



217.7200, -19.9430, -7.5190



223.4660, 1.9240, 9.1880



221.9170, 16.2310, -2.3050

Complementary

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



217.7200, -19.9430, -7.5190



204.2800, 19.9430, 7.5190

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.



223.2320, 19.8980, 2.8260



217.7200, -19.9430, -7.5190



223.5550, 11.9190, 9.7670

Square

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



217.7200, -19.9430, -7.5190



221.7250, -9.1710, 6.5170



223.7960, 18.4300, 7.4060



220.0900, 8.2540, -6.4180

Rectangle

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



217.7200, -19.9430, -7.5190



219.3490, -20.0360, -0.3240



223.7960, 18.4300, 7.4060



222.3410, 17.9730, -0.8350

Sweetspot

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



217.7200, -19.9430, -7.5190



252.0100, -5.9600, -2.1200



214.2570, -8.7540, -17.5700



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



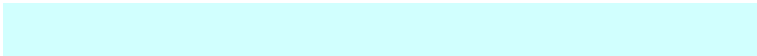
128.0000, -0.0000, -0.0000

Same Dimension

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



217.7200, -19.9430, -7.5190



241.1320, -27.0950, -10.0630



208.4420, -15.8640, 1.1600



111.2980, -6.8310, -2.8550



124.7950, -104.7580, -39.8140



35.5230, -29.7540, -11.4340

Inverse Universe

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



204.2800, 19.9430, 7.5190



222.8680, 27.0950, 10.0630



213.5580, 15.8640, -1.1600



106.7020, 6.8310, 2.8550



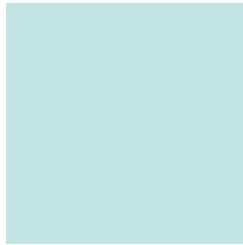
54.0910, 105.0790, 39.5030



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 217.7200, -19.9430, -7.5190 looks on a white background.

Color Contrast Check

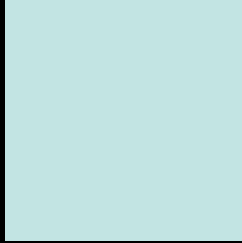
Large Text (above 18pt) WCAG AA × Fail

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 217.7200, -19.9430, -7.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

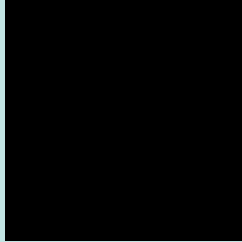
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

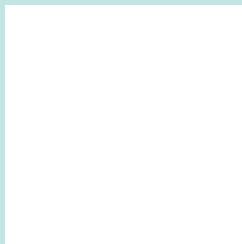
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.7200, -19.9430, -7.5190

Background



This preview shows how black text looks on a background with the YIQ color 217.7200, -19.9430, -7.5190.



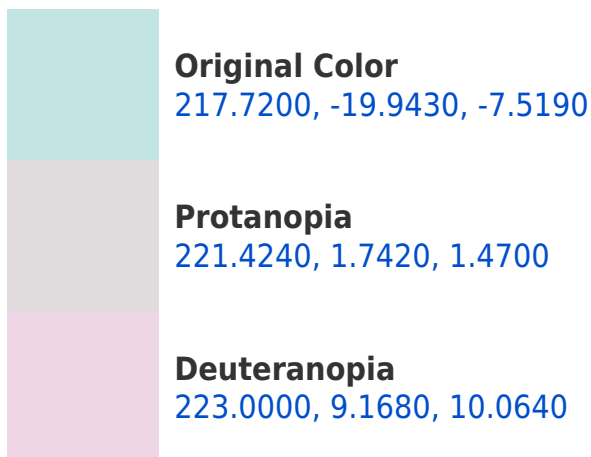
This preview shows how white text looks on a background with the YIQ color 217.7200, -19.9430, -7.5190.

-7.5190.

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

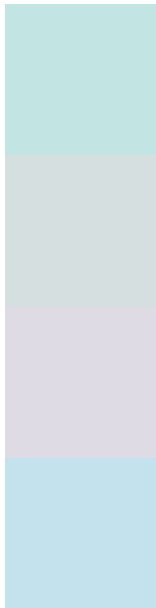




Tritanopia

218.6800, -22.4660, -0.3380

Trichromacy



Original Color

217.7200, -19.9430, -7.5190

Protanomaly

220.1240, -6.2810, -1.8090

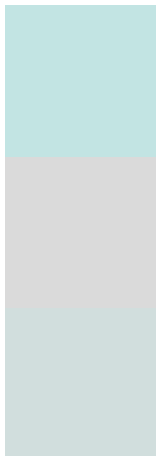
Deuteranomaly

221.0370, -1.4220, 3.7460

Tritanomaly

218.2840, -21.4110, -2.9390

Monochromacy



Original Color

217.7200, -19.9430, -7.5190

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7200, -19.9430, -7.5190 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(194, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 228, 227)  
}
```

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(194, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 228, 227) }
```

Border

The CSS property to change the border of an element to YIQ 217.7200, -19.9430, -7.5190 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(194, 228, 227) }
```


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

```
.border{ border-color:rgb(194, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(194, 228,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7200, -19.9430, -7.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 228, 227) }
```

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

```
.background{ background-color: rgb(194,  
228, 227) }
```

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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