

Converting Colors

YIQ(221.8190, -15.9080,
-9.0600)

Have a look what the booklet for
YIQ(221.8190, -15.9080, -9.0600)
contains.

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Color

**YIQ(221.8190, -15.9080,
-9.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E8E0
RGB	201, 232, 224
RGB Percent	79%, 91%, 88%
CMY	0.2118, 0.0901, 0.1216
CMYK	0.13, 0.00, 0.03, 0.09
HSL	164°, 40%, 85%
HSV	164°, 13%, 91%
XYZ	66.3948, 75.5163, 81.5874
YIQ	221.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

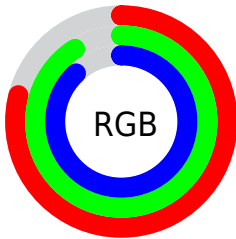
Format	Color
RYP	201, 219, 232
Decimal	13232352
CIELab	89.63, -11.68, 0.47
CIElCh	90, 11.685, 177.687
Yxy	75.5163, 0.2971, 0.3379
Android (android.graphics.Color)	4291422432 (0xFFC9E8E0)
YUV	221.8190, 1.0752, -18.2583
Hunter-Lab	86.9001, -15.6947, 5.1648

Details

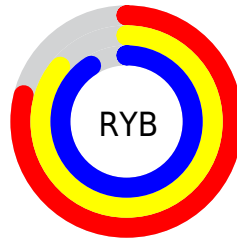
The YIQ color **221.8190, -15.9080, -9.0600** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **211.1810, 15.9080, 9.0600**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.5310, -15.0370, -8.3250** is the 20% darker color. If you saturate the color by 10%, you get **214.2580, -27.6900, -15.8020**, and if you desaturate by 10%, it is **229.3800, -4.1260, -2.3180**.

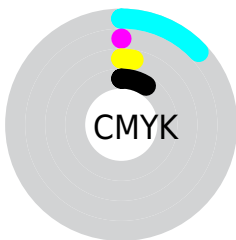
Distribution



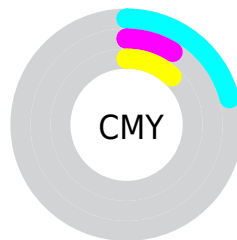
- Red (79%)
- Green (91%)
- Blue (88%)



- Red (79%)
- Yellow (86%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8190, -15.9080, -9.0600 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 221.8190, -15.9080, -9.0600 by changing the saturation by 10% instead.

■ 221.8190,
-15.9080, -9.0600

■ 221.8190,
-15.9080, -9.0600

255.0000, -0.0000,
-0.0000

■ 193.8190,
-15.9080, -9.0600

■ 166.5310,
-15.0370, -8.3250

■ 140.4170,
-14.7160, -8.6360

■ 114.8300,
-14.4410, -8.1130

■ 90.1290, -13.8450,
-7.9010

■ 66.2430, -14.1660,
-7.5900

■ 43.6560, -13.8910,

-7.0670

■ 22.3570, -14.4870,
-7.2790

■ 0.0000, 0.0000,
0.0000

■ 221.8190,
-15.9080, -9.0600

■ 221.8190,
-15.9080, -9.0600

■ 214.2580,
-27.6900, -15.8020

■ 229.3800, -4.1260,
-2.3180

■ 206.6970,
-39.4720, -22.5440

■ 236.9410, 7.6560,
4.4240

■ 198.8370,
-51.8500, -29.4980

■ 240.0170, 10.4980,
7.9860

■ 191.2760,
-63.6320, -36.2400

■ 240.7010, 8.5720,
9.8520

■ 183.7150,
-75.4140, -42.9820

■ 241.3850, 6.6460,
11.7180

■ 176.1540,
-87.1960, -49.7240

■ 241.4990, 6.3250,
12.0290

■ 168.5930,
-98.9780, -56.4660

■ 160.7330,
-111.3560, -63.4200

■ 155.7920,
-119.0120, -67.8440

Harmonies

Analogous

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



222.6690, -6.7380, -10.0500



221.8190, -15.9080, -9.0600



222.1760, -21.2270, -6.2750

Triad

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



221.8190, -15.9080, -9.0600



226.7040, -4.6780, 7.6900



226.5800, 18.7980, 0.7340

Complementary

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



221.8190, -15.9080, -9.0600



211.1810, 15.9080, 9.0600

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.



227.2260, 20.0350, 5.8510



221.8190, -15.9080, -9.0600



227.6190, 5.8670, 9.3150

Square

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



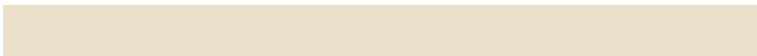
221.8190, -15.9080, -9.0600



225.0940, -14.7640, 3.2520



227.9960, 14.9910, 9.1590



225.1940, 13.8930, -3.9870

Rectangle

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



221.8190, -15.9080, -9.0600



222.8710, -21.6860, -3.4620



227.9960, 14.9910, 9.1590



226.8190, 19.6230, 2.3030

Sweetspot

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



221.8190, -15.9080, -9.0600



251.6680, -4.9970, -3.0530



221.5890, -3.7570, -14.5170



125.6790, -3.5300, -2.1060



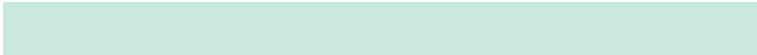
0.0000, 0.0000, 0.0000



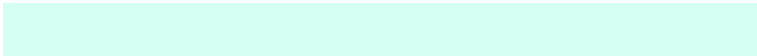
128.0000, -0.0000, -0.0000

Same Dimension

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



221.8190, -15.9080, -9.0600



241.4870, -20.9050, -12.1130



218.6220, -16.5510, -2.9110



111.0700, -6.1890, -3.4770



120.1210, -91.5970, -52.5650



34.2690, -26.2230, -14.8550

Inverse Universe

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



211.1810, 15.9080, 9.0600



227.5130, 20.9050, 12.1130



214.3780, 16.5510, 2.9110



106.9300, 6.1890, 3.4770



58.7650, 91.9180, 52.2540



16.7310, 26.2230, 14.8550

Previews

White Background



This preview shows how the YIQ color 221.8190, -15.9080, -9.0600 looks on a white background.

Color Contrast Check

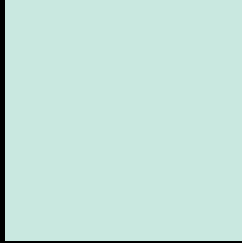
Large Text (above 18pt) WCAG AA × Fail

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 221.8190, -15.9080, -9.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

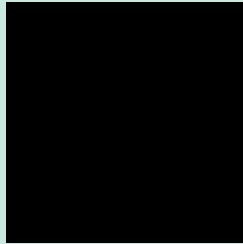
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

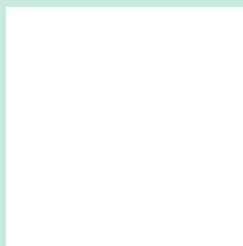
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.8190, -15.9080, -9.0600

Background



This preview shows how black text looks on a background with the YIQ color 221.8190, -15.9080, -9.0600.



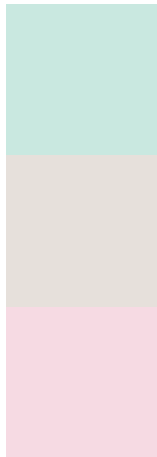
This preview shows how white text looks on a background with the YIQ color 221.8190, -15.9080, -9.0600.

-9.0600.

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

221.8190, -15.9080, -9.0600

Protanopia

225.2240, 5.1810, -0.2830

Deuteranopia

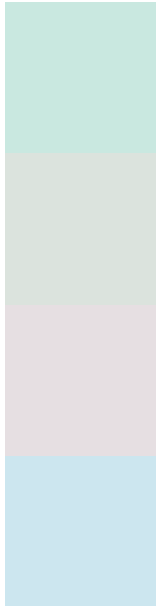
227.3980, 13.7990, 8.7350



Tritanopia

223.8760, -20.0820, 0.5100

Trichromacy



Original Color

221.8190, -15.9080, -9.0600

Protanomaly

223.9240, -2.8420, -3.5620

Deuteranomaly

225.4350, 3.2090, 2.4170

Tritanomaly

223.2520, -18.3850, -2.7130

Monochromacy



Original Color

221.8190, -15.9080, -9.0600

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8190, -15.9080, -9.0600 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(201, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 224)  
}
```

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(201, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 224) }
```

Border

The CSS property to change the border of an element to YIQ 221.8190, -15.9080, -9.0600 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(201, 232, 224) }
```


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

```
.border{ border-color:rgb(201, 232, 224) }
```

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

Here you see how a box with a 4 pixel rgb(201, 232, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8190, -15.9080, -9.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 224) }
```

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

```
.background{ background-color: rgb(201,  
232, 224) }
```

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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