

Converting Colors

YIQ(221.9050, -28.1940,
-17.6820)

Have a look what the booklet for
YIQ(221.9050, -28.1940, -17.6820)
contains.

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Color

**YIQ(221.9050, -28.1940,
-17.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F1DF
RGB	184, 241, 223
RGB Percent	72%, 95%, 87%
CMY	0.2786, 0.0548, 0.1256
CMYK	0.24, 0.00, 0.07, 0.05
HSL	161°, 67%, 83%
HSV	161°, 24%, 95%
XYZ	64.5365, 78.4368, 81.5328
YIQ	221.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

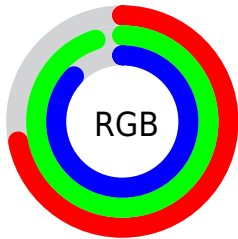
Format	Color
RYB	184, 218, 241
Decimal	12120543
CIELab	90.98, -21.65, 2.83
CIELCh	91, 21.834, 172.552
Yxy	78.4368, 0.2875, 0.3494
Android (android.graphics.Color)	4290310623 (0xFFB8F1DF)
YUV	221.9050, 0.5398, -33.2427
Hunter-Lab	88.5646, -24.9161, 7.4127

Details

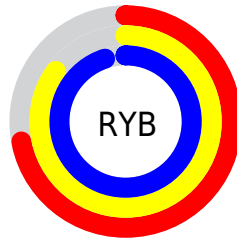
The YIQ color **221.9050, -28.1940, -17.6820** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.0950, 28.1940, 17.6820**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **166.6170, -27.3230, -16.9470** is the 20% darker color. If you saturate the color by 10%, you get **213.8170, -39.9300, -25.2580**, and if you desaturate by 10%, it is **229.9930, -16.4580, -10.1060**.

Distribution



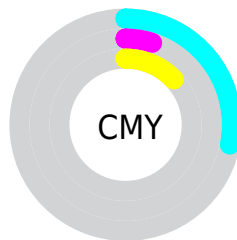
- Red (72%)
- Green (95%)
- Blue (87%)



- Red (72%)
- Yellow (85%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (28%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9050, -28.1940, -17.6820 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 221.9050, -28.1940, -17.6820 by changing the saturation by 10% instead.

■ 221.9050,
-28.1940, -17.6820

■ 221.9050,
-28.1940, -17.6820

255.0000, -0.0000,
-0.0000

■ 193.9050,
-28.1940, -17.6820

■ 250.8140, -8.3440,
-2.9680

■ 166.6170,
-27.3230, -16.9470

■ 139.9160,
-26.7270, -16.7350

■ 114.0300,
-27.0480, -16.4240

■ 88.4430, -26.7730,
-15.9010

■ 63.9590, -28.2860,
-16.0140

■ 39.2900, -30.7160,

-16.0280

■ 23.9820, -17.9250,
-11.0530

■ 4.1090, -1.9250,
-3.6610

■ 221.9050,
-28.1940, -17.6820

■ 221.9050,
-28.1940, -17.6820

■ 213.8170,
-39.9300, -25.2580

■ 229.9930,
-16.4580, -10.1060

■ 205.8430,
-51.9870, -32.5230

■ 237.9670, -4.4010,
-2.8410

■ 197.7550,
-63.7230, -40.0990

■ 245.7560, 6.7390,
4.5230

■ 189.6670,
-75.4590, -47.6750

■ 246.5540, 4.4920,
6.7000

■ 181.3940,
-88.1120, -55.1520

■ 246.7820, 3.8500,
7.3220

■ 173.3060,
-99.8480, -62.7280

■ 165.3320,
-111.9050, -69.9930

■ 160.2770,
-119.2400, -74.7280

Harmonies

Analogous

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



224.1430, -8.4330, -17.8810



221.9050, -28.1940, -17.6820



221.0100, -41.4910, -13.4830

Triad

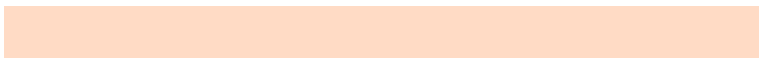
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.9050, -28.1940, -17.6820



229.3060, -9.3090, 9.0190



227.2560, 28.5180, 0.7900

Complementary

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



221.9050, -28.1940, -17.6820



203.0950, 28.1940, 17.6820

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.



226.8460, 24.1610, 8.1690



221.9050, -28.1940, -17.6820



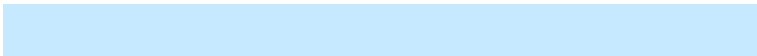
232.6720, 7.5160, 17.9800

Square

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



221.9050, -28.1940, -17.6820



225.3420, -27.3260, -0.3660



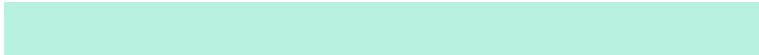
229.2400, 17.4200, 14.7000



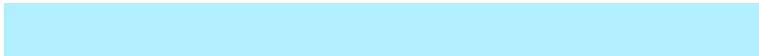
229.1430, 27.0980, -6.5180

Rectangle

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



221.9050, -28.1940, -17.6820



221.6880, -43.2800, -8.5920



229.2400, 17.4200, 14.7000



227.2390, 27.1880, 2.8680

Sweetspot

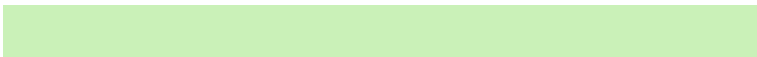
The Sweet Spot groups the original color and five complimentary colors.



221.9050, -28.1940, -17.6820



248.9340, -8.8020, -5.6820



222.8410, -4.9470, -25.9950



124.2550, -5.2720, -3.5760



0.0000, 0.0000, 0.0000



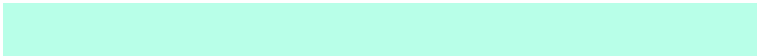
128.0000, -0.0000, -0.0000

Same Dimension

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



221.9050, -28.1940, -17.6820



231.1490, -34.9330, -22.2050



218.0870, -31.2220, -6.8540



115.9560, -5.8680, -3.7880



122.3720, -91.0460, -57.0460



37.2040, -27.5980, -17.4700

Inverse Universe

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



203.0950, 28.1940, 17.6820



207.7370, 35.2540, 21.8940



206.9130, 31.2220, 6.8540



112.0440, 5.8680, 3.7880



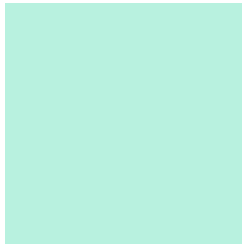
61.6280, 91.0460, 57.0460



18.7960, 27.5980, 17.4700

Previews

White Background



This preview shows how the YIQ color 221.9050, -28.1940, -17.6820 looks on a white background.

Color Contrast Check

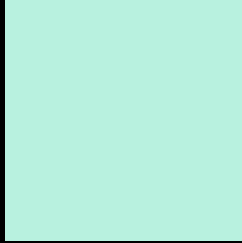
Large Text (above 18pt) WCAG AA × Fail

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 221.9050, -28.1940, -17.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

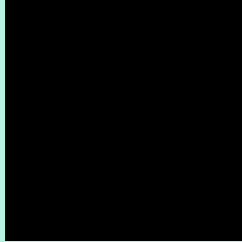
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

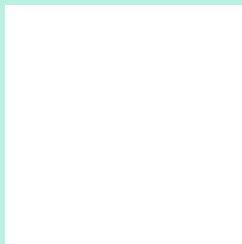
Any Text WCAG AAA ✓ Pass

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

YIQ 221.9050, -28.1940, -17.6820 Background



This preview shows how black text looks on a background with the YIQ color 221.9050, -28.1940, -17.6820.



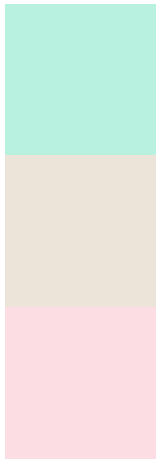
This preview shows how white text looks on a background with the YIQ color 221.9050, -28.1940,

-17.6820.

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

221.9050, -28.1940, -17.6820

Protanopia

229.0240, 8.6200, -2.0360

Deuteranopia

230.6540, 15.9540, 8.2260



Tritanopia

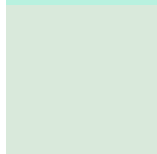
224.7110, -32.9190, -3.6310

Trichromacy



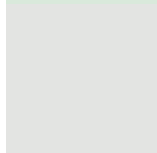
Original Color

221.9050, -28.1940, -17.6820



Protanomaly

226.6200, -5.0420, -7.7460



Deuteranomaly

227.4730, 0.0460, -0.8340



Tritanomaly

223.6200, -31.4050, -9.0450

Monochromacy



Original Color

221.9050, -28.1940, -17.6820



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.9230, -10.2690, -6.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9050, -28.1940, -17.6820 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(184, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 223)  
}
```

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(184, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 223) }
```

Border

The CSS property to change the border of an element to YIQ 221.9050, -28.1940, -17.6820 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(184, 241, 223) }
```


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

```
.border{ border-color:rgb(184, 241, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 241, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9050, -28.1940, -17.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 223) }
```

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

```
.background{ background-color: rgb(184,  
241, 223) }
```

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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