

Converting Colors

YIQ(216.8830, -21.9600,
-9.5120)

Have a look what the booklet for
YIQ(216.8830, -21.9600, -9.5120)
contains.

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Color

**YIQ(216.8830, -21.9600,
-9.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5E1
RGB	190, 229, 225
RGB Percent	75%, 90%, 88%
CMY	0.2550, 0.1019, 0.1177
CMYK	0.17, 0.00, 0.02, 0.10
HSL	174°, 43%, 82%
HSV	174°, 17%, 90%
XYZ	62.8407, 72.4268, 81.8865
YIQ	216.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

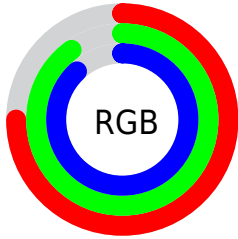
Format	Color
R_{YB}	190, 211, 229
Decimal	12510689
CIE _{Lab}	88.17, -13.44, -2.27
CIE _{LCh}	88, 13.631, 189.580
Y _{xy}	72.4268, 0.2894, 0.3335
Android (android.graphics.Color)	4290700769 (0xFFBEE5E1)
YUV	216.8830, 4.0017, -23.5764
Hunter-Lab	85.1039, -17.1276, 2.5242

Details

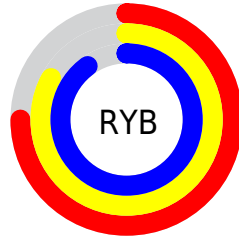
The YIQ color **216.8830, -21.9600, -9.5120** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.1170, 21.9600, 9.5120**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **161.5950, -21.0890, -8.7770** is the 20% darker color. If you saturate the color by 10%, you get **209.7780, -35.0260, -15.0100**, and if you desaturate by 10%, it is **223.9880, -8.8940, -4.0140**.

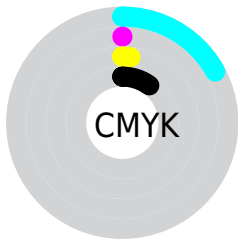
Distribution



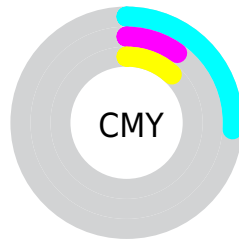
- Red (75%)
- Green (90%)
- Blue (88%)



- Red (75%)
- Yellow (83%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8830, -21.9600, -9.5120 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 216.8830, -21.9600, -9.5120 by changing the saturation by 10% instead.

■ 216.8830,
-21.9600, -9.5120

■ 216.8830,
-21.9600, -9.5120

■ 255.0000, -0.0000,
-0.0000

■ 189.1820,
-21.3640, -9.3000

■ 252.6080, -4.7680,
-1.6960

■ 162.1820,
-21.3640, -9.3000

■ 135.4810,
-20.7680, -9.0880

■ 109.8940,
-20.4930, -8.5650

■ 85.1930, -19.8970,
-8.3530

■ 61.3070, -20.2180,
-8.0420

■ 38.8940, -20.4930,

-8.5650

■ 20.1010, -16.6420,
-6.7700

■ 0.0000, 0.0000,
0.0000

■ 216.8830,
-21.9600, -9.5120

■ 216.8830,
-21.9600, -9.5120

■ 209.7780,
-35.0260, -15.0100

■ 223.9880, -8.8940,
-4.0140

■ 202.5590,
-47.7710, -20.8190

■ 231.2070, 3.8510,
1.7950

■ 195.4540,
-60.8370, -26.3170

■ 237.1160, 14.5330,
6.4450

■ 188.2350,
-73.5820, -32.1260

■ 237.3440, 13.8910,
7.0670

■ 181.1300,
-86.6480, -37.6240

■ 237.6860, 12.9280,
8.0000

■ 174.3240,
-99.1180, -42.9100

■ 237.9140, 12.2860,
8.6220

■ 167.1050,
-111.8630, -48.7190

■ 238.2560, 11.3230,
9.5550

■ 160.0000,
-124.9290, -54.2170

■ 238.4840, 10.6810,
10.1770

■ 157.7930,
-128.7800, -56.0120

■ 238.7120, 10.0390,
10.7990

Harmonies

Analogous

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



217.5050, -12.1480, -11.1240



216.8830, -21.9600, -9.5120



217.3650, -26.1330, -5.4690

Triad

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



216.8830, -21.9600, -9.5120



223.3240, -0.5520, 10.0080



221.5970, 20.1280, -1.3440

Complementary

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



216.8830, -21.9600, -9.5120



202.1170, 21.9600, 9.5120

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.



223.1400, 23.1530, 4.4090



216.8830, -21.9600, -9.5120



223.7230, 11.5060, 11.7460

Square

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



216.8830, -21.9600, -9.5120



221.5720, -13.1140, 6.3900



223.6330, 20.4470, 9.3990



220.8300, 11.9220, -6.8140

Rectangle

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



216.8830, -21.9600, -9.5120



218.3700, -24.5290, -1.4970



223.6330, 20.4470, 9.3990



222.4340, 22.1450, 0.6490

Sweetspot

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



216.8830, -21.9600, -9.5120



250.9990, -7.4270, -3.0670



214.3880, -7.7450, -19.3370



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



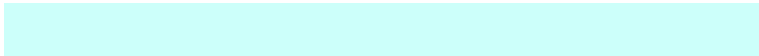
128.0000, -0.0000, -0.0000

Same Dimension

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



216.8830, -21.9600, -9.5120



239.1810, -28.7910, -12.3670



208.5340, -19.1190, -0.4230



111.2980, -6.8310, -2.8550



123.3130, -100.5850, -43.8570



35.1810, -28.7910, -12.3670

Inverse Universe

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



202.1170, 21.9600, 9.5120



219.8190, 28.7910, 12.3670



210.4660, 19.1190, 0.4230



106.7020, 6.8310, 2.8550



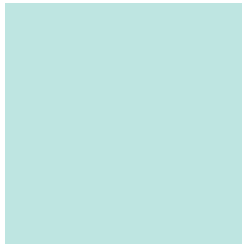
55.5730, 100.9060, 43.5460



15.8190, 28.7910, 12.3670

Previews

White Background



This preview shows how the YIQ color 216.8830, -21.9600, -9.5120 looks on a white background.

Color Contrast Check

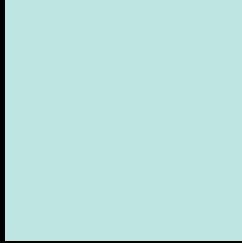
Large Text (above 18pt) WCAG AA × Fail

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 216.8830, -21.9600, -9.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

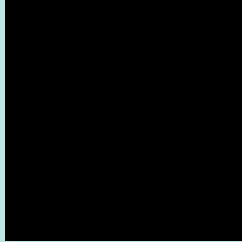
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

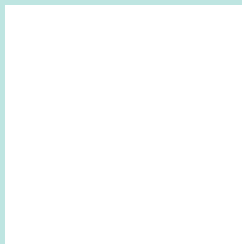
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.8830, -21.9600, -9.5120

Background



This preview shows how black text looks on a background with the YIQ color 216.8830, -21.9600, -9.5120.



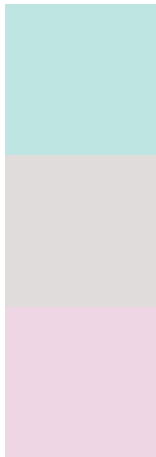
This preview shows how white text looks on a background with the YIQ color 216.8830, -21.9600, -9.5120.

-9.5120.

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

216.8830, -21.9600, -9.5120

Protanopia

221.4950, 2.9800, 1.0600

Deuteranopia

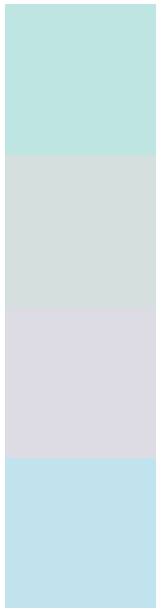
223.0710, 10.4060, 9.6540



Tritanopia

218.4840, -24.8500, -1.1860

Trichromacy



Original Color

216.8830, -21.9600, -9.5120

Protanomaly

219.5970, -6.2350, -2.6430

Deuteranomaly

220.5100, -1.3760, 2.9120

Tritanomaly

217.9740, -23.4740, -4.0980

Monochromacy



Original Color

216.8830, -21.9600, -9.5120

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7000, -8.0230, -3.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8830, -21.9600, -9.5120 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(190, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 225)  
}
```

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(190, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 225) }
```

Border

The CSS property to change the border of an element to YIQ 216.8830, -21.9600, -9.5120 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(190, 229, 225) }
```


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

```
.border{ border-color:rgb(190, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8830, -21.9600, -9.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 225) }
```

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

```
.background{ background-color: rgb(190,  
229, 225) }
```

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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