

Converting Colors

YIQ(211.9920, -15.8580,
-32.0020)

Have a look what the booklet for
YIQ(211.9920, -15.8580, -32.0020)
contains.

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Color

**YIQ(211.9920, -15.8580,
-32.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EDAF
RGB	177, 237, 175
RGB Percent	69%, 93%, 69%
CMY	0.3061, 0.0705, 0.3137
CMYK	0.25, 0.00, 0.26, 0.07
HSL	118°, 63%, 81%
HSV	118°, 26%, 93%
XYZ	56.1499, 73.0196, 51.6903
YIQ	211.9920, -15.8580, -32.0020

Conversions

Conversions Part 2

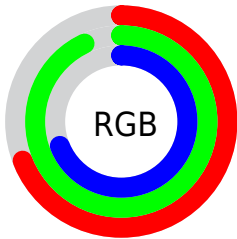
Format	Color
RYB	175, 237, 235
Decimal	11660719
CIELab	88.46, -30.71, 24.08
CIELCh	88, 39.021, 141.897
Yxy	73.0196, 0.3105, 0.4037
Android (android.graphics.Color)	4289850799 (0xFFB1EDAF)
YUV	211.9920, -18.2371, -30.6880
Hunter-Lab	85.4515, -32.2484, 23.9511

Details

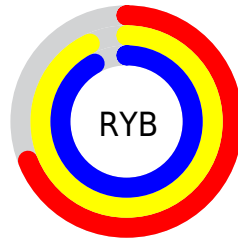
The YIQ color **211.9920, -15.8580, -32.0020** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.0080, 15.8580, 32.0020**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.9850, -4.8120, -11.9160**, and **156.9320, -15.6290, -30.6450** is the 20% darker color. If you saturate the color by 10%, you get **202.3790, -21.8620, -44.3420**, and if you desaturate by 10%, it is **221.6050, -9.8540, -19.6620**.

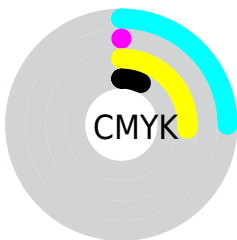
Distribution



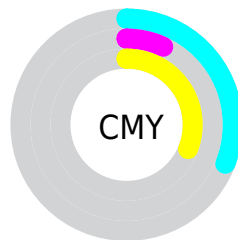
- Red (69%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (92%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9920, -15.8580, -32.0020 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 211.9920, -15.8580, -32.0020 by changing the saturation by 10% instead.

■ 211.9920,
-15.8580, -32.0020

■ 211.9920,
-15.8580, -32.0020

255.0000, -0.0000,
-0.0000

■ 184.4050,
-15.5830, -31.4790

■ 245.9850, -4.8120,
-11.9160

■ 156.9320,
-15.6290, -30.6450

■ 130.4590,
-15.6750, -29.8110

■ 104.6870,
-16.3170, -29.1890

■ 79.3280, -16.6840,
-28.0440

■ 54.5450, -18.7930,
-28.3690

■ 32.1540, -16.1340,

-26.9980

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 211.9920,
-15.8580, -32.0020

■ 211.9920,
-15.8580, -32.0020

■ 202.3790,
-21.8620, -44.3420

■ 221.6050, -9.8540,
-19.6620

■ 192.8800,
-28.1870, -56.3710

■ 231.1040, -3.5290,
-7.6330

■ 183.2670,
-34.1910, -68.7110

■ 240.7170, 2.4750,
4.7070

■ 173.6540,
-40.1950, -81.0510

■ 244.4340, 4.9500,
9.4140

■ 164.0410,
-46.1990, -93.3910

■ 154.5420,
-52.5240, -105.4200

■ 144.9290,
-58.5280, -117.7600

■ 141.2120,
-61.0030, -122.4670

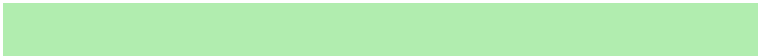
Harmonies

Analogous

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



216.9440, 19.6280, -25.3320



211.9920, -15.8580, -32.0020



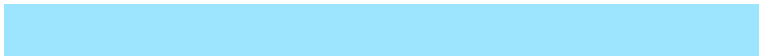
205.7610, -54.6920, -33.0600

Triad

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



211.9920, -15.8580, -32.0020



210.4360, -51.2580, -7.1780



213.0540, 35.4390, 13.0310

Complementary

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



211.9920, -15.8580, -32.0020



200.0080, 15.8580, 32.0020

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.



217.3860, 23.2410, 24.8490



211.9920, -15.8580, -32.0020



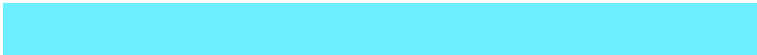
219.5490, -14.3070, 11.4930

Square

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



211.9920, -15.8580, -32.0020



201.0680, -82.9370, -22.2730



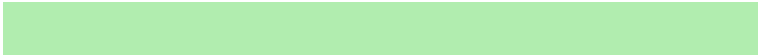
224.4760, 14.3000, 27.1960



214.8030, 42.9150, -1.3170

Rectangle

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



211.9920, -15.8580, -32.0020



201.2500, -77.9380, -30.2740



224.4760, 14.3000, 27.1960



213.8350, 31.8620, 17.2860

Sweetspot

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



211.9920, -15.8580, -32.0020



246.7400, -5.5000, -10.4600



228.7580, 20.4520, -18.2360



122.6310, -3.5750, -6.7990



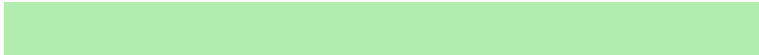
0.0000, 0.0000, 0.0000



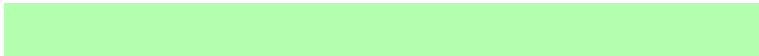
128.0000, -0.0000, -0.0000

Same Dimension

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



211.9920, -15.8580, -32.0020



222.9710, -20.5330, -40.8930



214.7000, -26.3590, -23.4070



112.4570, -3.0250, -5.7530



108.0410, -46.1990, -93.3910



32.2960, -13.6580, -27.8180

Inverse Universe

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



200.0080, 15.8580, 32.0020



208.0290, 20.5330, 40.8930



197.3000, 26.3590, 23.4070



110.5430, 3.0250, 5.7530



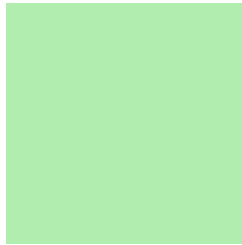
72.9590, 46.1990, 93.3910



21.7040, 13.6580, 27.8180

Previews

White Background



This preview shows how the YIQ color 211.9920, -15.8580, -32.0020 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 211.9920, -15.8580, -32.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

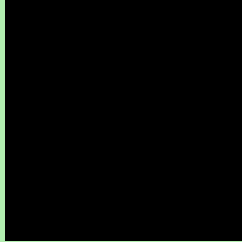
Any Text WCAG AA ✓ Pass

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 211.9920, -15.8580, -32.0020 Background



This preview shows how black text looks on a background with the YIQ color 211.9920, -15.8580, -32.0020.



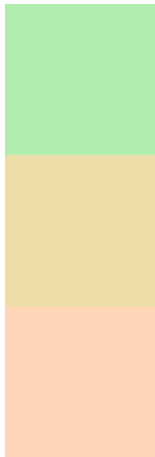
This preview shows how white text looks on a background with the YIQ color 211.9920, -15.8580, -32.0020.

-32.0020.

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

211.9920, -15.8580, -32.0020

Protanopia

219.7420, 26.5490, -13.0910

Deuteranopia

222.1380, 34.6620, -0.4260



Tritanopia

218.3910, -29.0220, -2.6700

Trichromacy



Original Color

211.9920, -15.8580, -32.0020



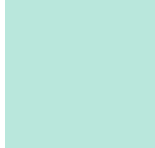
Protanomaly

217.0280, 10.8240, -19.9600



Deuteranomaly

218.7070, 16.4620, -12.0020



Tritanomaly

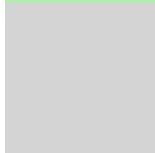
215.9920, -23.8850, -13.1730

Monochromacy



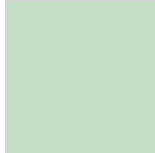
Original Color

211.9920, -15.8580, -32.0020



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

211.9140, -6.0500, -11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.9920, -15.8580, -32.0020 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(177, 237, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 237, 175)  
}
```

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(177, 237, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 237, 175) }
```

Border

The CSS property to change the border of an element to YIQ 211.9920, -15.8580, -32.0020 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(177, 237, 175) }
```


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

```
.border{ border-color:rgb(177, 237, 175) }
```

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

Here you see how a box with a 4 pixel rgb(177, 237, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 237, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 237, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 237,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 211.9920, -15.8580, -32.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 237, 175) }
```

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

```
.background{ background-color: rgb(177,  
237, 175) }
```

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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