

Converting Colors

YIQ(215.3470, -17.6950,
-15.2230)

Have a look what the booklet for
YIQ(215.3470, -17.6950, -15.2230)
contains.

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Color

**YIQ(215.3470, -17.6950,
-15.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE6D1
RGB	189, 230, 209
RGB Percent	74%, 90%, 82%
CMY	0.2589, 0.0980, 0.1804
CMYK	0.18, 0.00, 0.09, 0.10
HSL	149°, 45%, 82%
HSV	149°, 18%, 90%
XYZ	60.7878, 72.0212, 71.0103
YIQ	215.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

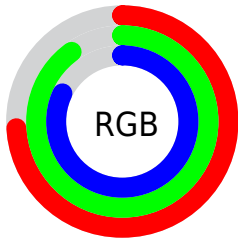
Format	Color
RYB	189, 217, 230
Decimal	12445393
CIELab	87.98, -17.40, 5.83
CIELCh	88, 18.349, 161.464
Yxy	72.0212, 0.2982, 0.3534
Android (android.graphics.Color)	4290635473 (0xFFBDE6D1)
YUV	215.3470, -3.1291, -23.1063
Hunter-Lab	84.8653, -20.6573, 9.7953

Details

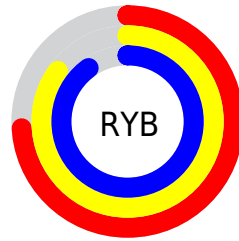
The YIQ color **215.3470, -17.6950, -15.2230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.6530, 17.6950, 15.2230**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **160.1730, -17.1450, -14.1770** is the 20% darker color. If you saturate the color by 10%, you get **207.1020, -27.5510, -23.8310**, and if you desaturate by 10%, it is **223.5920, -7.8390, -6.6150**.

Distribution



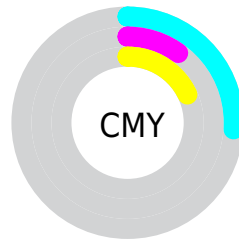
- Red (74%)
- Green (90%)
- Blue (82%)



- Red (74%)
- Yellow (85%)
- Blue (90%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.3470, -17.6950, -15.2230 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 215.3470, -17.6950, -15.2230 by changing the saturation by 10% instead.

■ 215.3470,
-17.6950, -15.2230

■ 215.3470,
-17.6950, -15.2230

255.0000, -0.0000,
-0.0000

■ 187.6460,
-17.0990, -15.0110

■ 252.3090, -5.3640,
-1.9080

■ 160.1730,
-17.1450, -14.1770

■ 134.1730,
-17.1450, -14.1770

■ 108.5860,
-16.8700, -13.6540

■ 83.8850, -16.2740,
-13.4420

■ 60.4120, -16.3200,
-12.6080

■ 37.5260, -16.6410,

-12.2970

■ 19.2060, -12.7440,
-11.3360

■ 0.0000, 0.0000,
0.0000

■ 215.3470,
-17.6950, -15.2230

■ 215.3470,
-17.6950, -15.2230

■ 207.1020,
-27.5510, -23.8310

■ 223.5920, -7.8390,
-6.6150

■ 198.8570,
-37.4070, -32.4390

■ 231.8370, 2.0170,
1.9930

■ 190.7260,
-47.5840, -40.7360

■ 239.0710, 10.4060,
9.6540

■ 182.4810,
-57.4400, -49.3440

■ 240.3250, 6.8750,
13.0750

■ 174.2360,
-67.2960, -57.9520

■ 165.9910,
-77.1520, -66.5600

■ 157.7460,
-87.0080, -75.1680

■ 149.6150,
-97.1850, -83.4650

■ 147.7780,
-99.2020, -85.4580

Harmonies

Analogous

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



217.5570, -0.7310, -14.2910



215.3470, -17.6950, -15.2230



214.3980, -30.9000, -12.6920

Triad

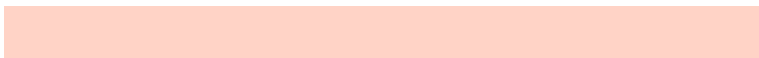
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.3470, -17.6950, -15.2230



221.0000, -17.1950, 8.7650



222.6740, 30.3970, 5.2850

Complementary

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



215.3470, -17.6950, -15.2230



203.6530, 17.6950, 15.2230

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.



223.3240, 25.8110, 11.3070



215.3470, -17.6950, -15.2230



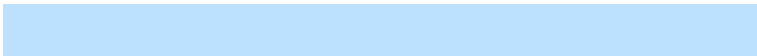
223.1440, 0.1350, 14.0790

Square

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



215.3470, -17.6950, -15.2230



217.4280, -30.4440, 1.0760



224.1690, 16.1820, 15.1100



221.4790, 26.2720, -2.5600

Rectangle

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



215.3470, -17.6950, -15.2230



214.4670, -35.3480, -9.1720



224.1690, 16.1820, 15.1100



222.6570, 29.0670, 7.3630

Sweetspot

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



215.3470, -17.6950, -15.2230



250.3150, -5.5010, -4.9330



219.3460, 1.2410, -16.9910



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



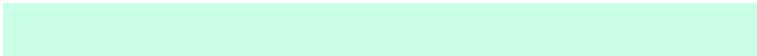
128.0000, -0.0000, -0.0000

Same Dimension

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



215.3470, -17.6950, -15.2230



235.7760, -23.5170, -19.8450



217.6270, -24.1150, -9.0030



110.7280, -5.2260, -4.4100



114.9910, -77.1520, -66.5600



32.7870, -22.0500, -18.8980

Inverse Universe

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



203.6530, 17.6950, 15.2230



220.3380, 23.1960, 20.1560



201.3730, 24.1150, 9.0030



107.2720, 5.2260, 4.4100



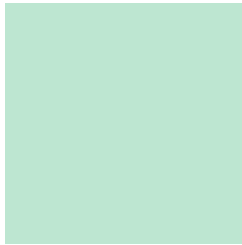
63.8950, 77.4730, 66.2490



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 215.3470, -17.6950, -15.2230 looks on a white background.

Color Contrast Check

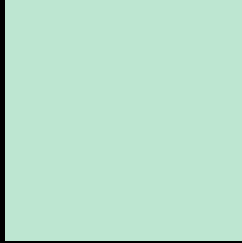
Large Text (above 18pt) WCAG AA × Fail

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 215.3470, -17.6950, -15.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

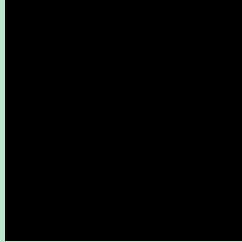
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

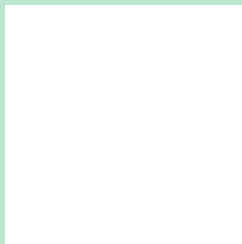
Any Text WCAG AAA ✓ Pass

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

YIQ 215.3470, -17.6950, -15.2230 Background



This preview shows how black text looks on a background with the YIQ color 215.3470, -17.6950, -15.2230.



This preview shows how white text looks on a background with the YIQ color 215.3470, -17.6950, -15.2230.

-15.2230.

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

215.3470, -17.6950, -15.2230

Protanopia

219.8670, 10.5000, -3.0680

Deuteranopia

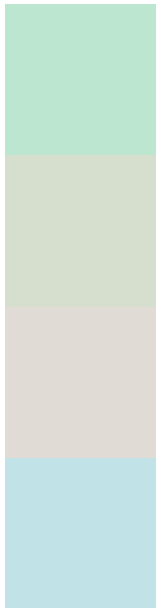
222.2690, 18.4760, 6.5720



Tritanopia

218.0820, -23.6580, -0.7620

Trichromacy



Original Color

215.3470, -17.6950, -15.2230

Protanomaly

218.2570, 0.4140, -7.5060

Deuteranomaly

219.6970, 5.2270, -1.1170

Tritanomaly

217.2900, -21.5480, -5.9640

Monochromacy



Original Color

215.3470, -17.6950, -15.2230

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3470, -17.6950, -15.2230 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(189, 230, 209)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 209)  
}
```

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(189, 230, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 209) }
```

Border

The CSS property to change the border of an element to YIQ 215.3470, -17.6950, -15.2230 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(189, 230, 209) }
```


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

```
.border{ border-color:rgb(189, 230, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 230, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 209);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3470, -17.6950, -15.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 230, 209) }
```

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

```
.background{ background-color: rgb(189,  
230, 209) }
```

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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