

Converting Colors

YIQ(217.9990, -16.5950,
-13.1310)

Have a look what the booklet for
YIQ(217.9990, -16.5950, -13.1310)
contains.

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Color

**YIQ(217.9990, -16.5950,
-13.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E7D6
RGB	194, 231, 214
RGB Percent	76%, 91%, 84%
CMY	0.2393, 0.0940, 0.1608
CMYK	0.16, 0.00, 0.07, 0.09
HSL	152°, 44%, 83%
HSV	152°, 16%, 91%
XYZ	62.9578, 73.4809, 74.4743
YIQ	217.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

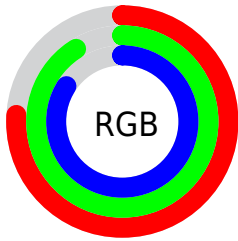
Format	Color
RYB	194, 218, 231
Decimal	12773334
CIELab	88.68, -15.34, 4.26
CIELCh	89, 15.919, 164.476
Yxy	73.4809, 0.2985, 0.3484
Android (android.graphics.Color)	4290963414 (0xFFC2E7D6)
YUV	217.9990, -1.9715, -21.0471
Hunter-Lab	85.7210, -18.9123, 8.4936

Details

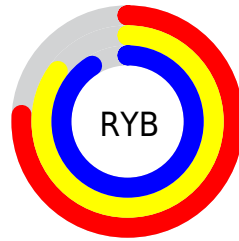
The YIQ color **217.9990, -16.5950, -13.1310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.0010, 16.5950, 13.1310**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **162.7110, -15.7240, -12.3960** is the 20% darker color. If you saturate the color by 10%, you get **209.8680, -26.7720, -21.4280**, and if you desaturate by 10%, it is **226.1300, -6.4180, -4.8340**.

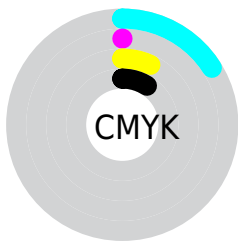
Distribution



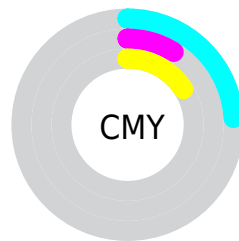
- Red (76%)
- Green (91%)
- Blue (84%)



- Red (76%)
- Yellow (85%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9990, -16.5950, -13.1310 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 217.9990, -16.5950, -13.1310 by changing the saturation by 10% instead.

■ 217.9990,
-16.5950, -13.1310

■ 217.9990,
-16.5950, -13.1310

■ 255.0000, -0.0000,
-0.0000

■ 190.2980,
-15.9990, -12.9190

■ 253.8040, -2.3840,
-0.8480

■ 162.7110,
-15.7240, -12.3960

■ 136.7110,
-15.7240, -12.3960

■ 111.1240,
-15.4490, -11.8730

■ 86.5370, -15.1740,
-11.3500

■ 62.9500, -14.8990,
-10.8270

■ 40.3630, -14.6240,

-10.3040

■ 19.6620, -14.0280,
-10.0920

■ 0.0000, 0.0000,
0.0000

■ 217.9990,
-16.5950, -13.1310

■ 217.9990,
-16.5950, -13.1310

■ 209.8680,
-26.7720, -21.4280

■ 226.1300, -6.4180,
-4.8340

■ 201.8510,
-37.2700, -29.4140

■ 234.1470, 4.0800,
3.1520

■ 193.7200,
-47.4470, -37.7110

■ 239.8860, 9.4890,
9.7530

■ 185.7030,
-57.9450, -45.6970

■ 240.9120, 6.6000,
12.5520

■ 177.2730,
-68.7180, -54.2060

■ 169.1420,
-78.8950, -62.5030

■ 161.1250,
-89.3930, -70.4890

■ 152.9940,
-99.5700, -78.7860

■ 149.8470,
-103.6500, -81.9380

Harmonies

Analogous

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



219.5400, -2.0610, -12.2130



217.9990, -16.5950, -13.1310



217.7190, -27.3700, -10.5860

Triad

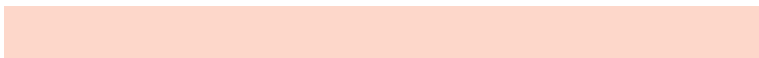
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.9990, -16.5950, -13.1310



223.0390, -12.9310, 8.5810



224.8800, 26.8210, 4.0130

Complementary

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



217.9990, -16.5950, -13.1310



207.0010, 16.5950, 13.1310

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.



225.3130, 24.3440, 10.3600



217.9990, -16.5950, -13.1310



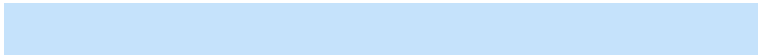
224.5740, 1.7400, 12.5240

Square

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



217.9990, -16.5950, -13.1310



220.1790, -25.3090, 1.6270



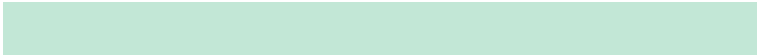
225.8160, 15.6780, 13.2300



223.3260, 22.3290, -2.6870

Rectangle

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



217.9990, -16.5950, -13.1310



217.8590, -30.5800, -7.4760



225.8160, 15.6780, 13.2300



225.0480, 26.4080, 5.9920

Sweetspot

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



217.9990, -16.5950, -13.1310



250.4290, -5.8220, -4.6220



220.8020, -0.0430, -15.7470



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



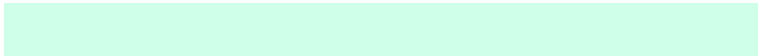
128.0000, -0.0000, -0.0000

Same Dimension

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



217.9990, -16.5950, -13.1310



238.1400, -21.5460, -17.0180



219.3500, -21.7770, -7.3210



110.7280, -5.2260, -4.4100



116.0170, -80.0410, -63.7610



33.1290, -23.0130, -17.9650

Inverse Universe

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



207.0010, 16.5950, 13.1310



223.8600, 21.5460, 17.0180



205.6500, 21.7770, 7.3210



107.2720, 5.2260, 4.4100



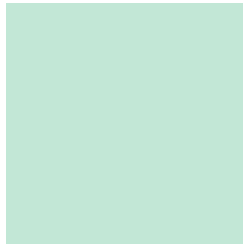
62.8690, 80.3620, 63.4500



17.8710, 23.0130, 17.9650

Previews

White Background



This preview shows how the YIQ color 217.9990, -16.5950, -13.1310 looks on a white background.

Color Contrast Check

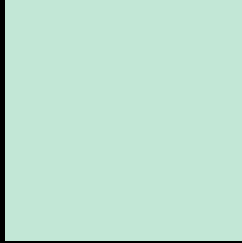
Large Text (above 18pt) WCAG AA × Fail

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 217.9990, -16.5950, -13.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

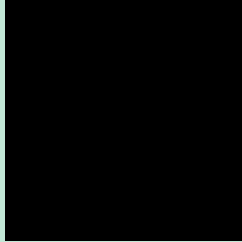
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

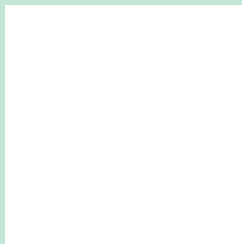
Any Text WCAG AAA ✓ Pass

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

YIQ 217.9990, -16.5950, -13.1310 Background



This preview shows how black text looks on a background with the YIQ color 217.9990, -16.5950, -13.1310.



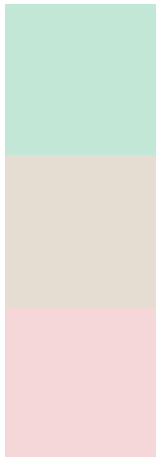
This preview shows how white text looks on a background with the YIQ color 217.9990, -16.5950, -13.1310.

-13.1310.

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

217.9990, -16.5950, -13.1310

Protanopia

222.0240, 8.6200, -2.0360

Deuteranopia

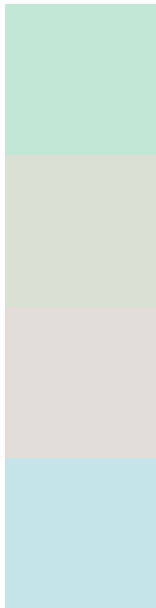
224.1980, 17.2380, 6.9820



Tritanopia

220.0930, -22.1910, 0.1850

Trichromacy



Original Color

217.9990, -16.5950, -13.1310

Protanomaly

220.7130, -0.8700, -6.2620

Deuteranomaly

221.9250, 4.5850, -0.4950

Tritanomaly

219.4150, -20.4020, -4.7060

Monochromacy



Original Color

217.9990, -16.5950, -13.1310

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9990, -16.5950, -13.1310 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(194, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 214)  
}
```

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(194, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 214) }
```

Border

The CSS property to change the border of an element to YIQ 217.9990, -16.5950, -13.1310 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(194, 231, 214) }
```


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

```
.border{ border-color:rgb(194, 231, 214) }
```

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

Here you see how a box with a 4 pixel rgb(194, 231, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9990, -16.5950, -13.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 214) }
```

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

```
.background{ background-color: rgb(194,  
231, 214) }
```

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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