

Converting Colors

YIQ(216.7930, -4.9920,
-30.6880)

Have a look what the booklet for
YIQ(216.7930, -4.9920, -30.6880)
contains.

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Color

**YIQ(216.7930, -4.9920,
-30.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	C1EEAA
RGB	193, 238, 170
RGB Percent	76%, 93%, 67%
CMY	0.2433, 0.0666, 0.3333
CMYK	0.19, 0.00, 0.29, 0.07
HSL	100°, 67%, 80%
HSV	100°, 29%, 93%
XYZ	59.8191, 75.3950, 49.4343
YIQ	216.7930, -4.9920, -30.6880

Conversions

Conversions Part 2

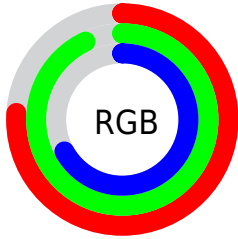
Format	Color
RYB	170, 238, 215
Decimal	12709546
CIELab	89.58, -26.59, 28.31
CIElCh	90, 38.842, 133.201
Yxy	75.3950, 0.3240, 0.4083
Android (android.graphics.Color)	4290899626 (0xFFC1EEAA)
YUV	216.7930, -23.0689, -20.8665
Hunter-Lab	86.8303, -28.9809, 27.0262

Details

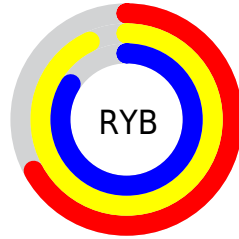
The YIQ color $216.7930, -4.9920, -30.6880$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $191.2070, 4.9920, 30.6880$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.1990, 6.3290, -10.0790$, and $161.4340, -5.3590, -29.5430$ is the 20% darker color. If you saturate the color by 10%, you get $209.2730, -6.8240, -41.5440$, and if you desaturate by 10%, it is $224.3130, -3.1600, -19.8320$.

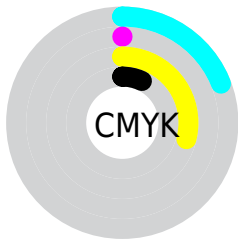
Distribution



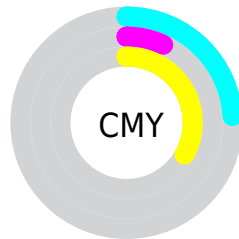
- Red (76%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7930, -4.9920, -30.6880 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 216.7930, -4.9920, -30.6880 by changing the saturation by 10% instead.

 216.7930, -4.9920,
-30.6880

 216.7930, -4.9920,
-30.6880

255.0000, -0.0000,
-0.0000


 188.9070, -5.3130,
-30.3770


 250.1990, 6.3290,
-10.0790


 161.4340, -5.3590,
-29.5430

254.8860, 0.3210,
-0.3110

 134.9610, -5.4050,
-28.7090

 109.4880, -5.4510,
-27.8750

 84.1290, -5.8180,
-26.7300

 59.9440, -6.7350,
-26.6310

 36.7590, -7.6520,

-26.5320

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 216.7930, -4.9920,
-30.6880

■ 216.7930, -4.9920,
-30.6880

■ 209.2730, -6.8240,
-41.5440

■ 224.3130, -3.1600,
-19.8320

■ 201.7530, -8.6560,
-52.4000

■ 231.8330, -1.3280,
-8.9760

■ 194.6460,
-10.2130, -62.7330

■ 238.9400, 0.2290,
1.3570

■ 187.1260,
-12.0450, -73.5890

■ 245.0210, 4.6750,
8.8910

■ 179.6060,
-13.8770, -84.4450

■ 172.0860,
-15.7090, -95.3010

■ 164.8650,
-16.9450, -105.9450

■ 163.6260,
-17.7700, -107.5140

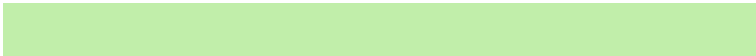
Harmonies

Analogous

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



221.1300, 27.9720, -22.3640



216.7930, -4.9920, -30.6880



210.9210, -43.4590, -32.8910

Triad

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



216.7930, -4.9920, -30.6880



210.0710, -60.6560, -13.0720



215.8240, 30.3950, 16.3390

Complementary

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



216.7930, -4.9920, -30.6880



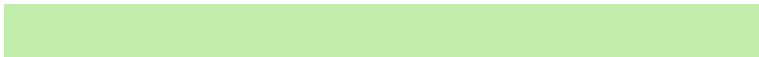
191.2070, 4.9920, 30.6880

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.



221.9170, 17.3720, 26.5880



216.7930, -4.9920, -30.6880



219.7710, -23.9800, 5.0760

Square

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



216.7930, -4.9920, -30.6880



203.1060, -86.1000, -25.5240



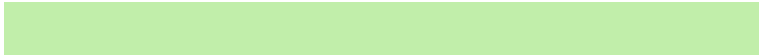
227.3890, 9.9910, 22.6870



216.0570, 39.3840, 2.1040

Rectangle

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



216.7930, -4.9920, -30.6880



206.8720, -68.1260, -31.8860



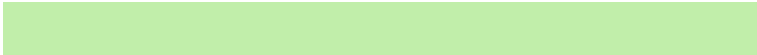
227.3890, 9.9910, 22.6870



217.3060, 26.2220, 20.3820

Sweetspot

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



216.7930, -4.9920, -30.6880



247.8930, -1.5570, -10.3330



216.1600, 28.4280, -8.5960



123.3000, -1.1450, -6.7850



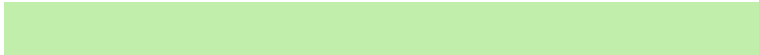
0.0000, 0.0000, 0.0000



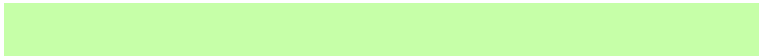
128.0000, -0.0000, -0.0000

Same Dimension

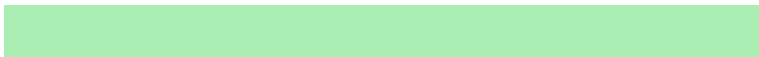
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.7930, -4.9920, -30.6880



228.0390, -6.0450, -39.1410



211.0560, -21.9100, -32.4540



116.2400, -0.9160, -5.4280



126.5460, -13.6480, -83.0880



38.5530, -4.0760, -25.2600

Inverse Universe

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



191.2070, 4.9920, 30.6880



195.2600, 6.6410, 39.3530



196.9440, 21.9100, 32.4540



111.7600, 0.9160, 5.4280



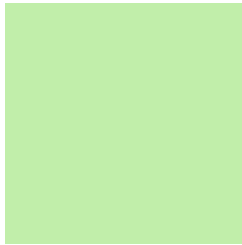
57.4540, 13.6480, 83.0880



17.4470, 4.0760, 25.2600

Previews

White Background



This preview shows how the YIQ color 216.7930, -4.9920, -30.6880 looks on a white background.

Color Contrast Check

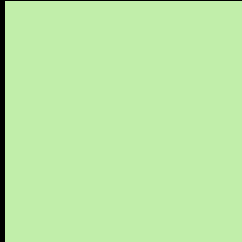
Large Text (above 18pt) WCAG AA × Fail

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 216.7930, -4.9920, -30.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

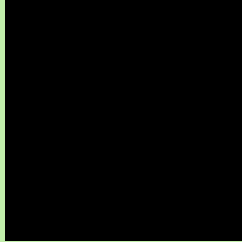
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.7930, -4.9920, -30.6880

Background



This preview shows how black text looks on a background with the YIQ color 216.7930, -4.9920, -30.6880.



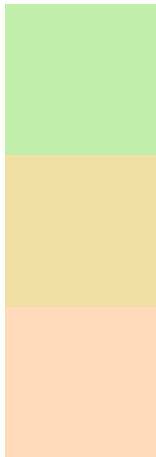
This preview shows how white text looks on a background with the YIQ color 216.7930, -4.9920,

-30.6880.

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

216.7930, -4.9920, -30.6880

Protanopia

222.2430, 29.3920, -15.0560

Deuteranopia

225.5290, 32.0030, -1.7970



Tritanopia

223.1750, -19.4860, 0.7220

Trichromacy



Original Color

216.7930, -4.9920, -30.6880



Protanomaly

220.3230, 17.2430, -20.6530



Deuteranomaly

222.0770, 18.2960, -12.2000



Tritanomaly

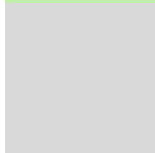
221.1350, -13.9820, -10.9260

Monochromacy



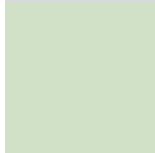
Original Color

216.7930, -4.9920, -30.6880



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

217.0670, -2.1070, -11.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7930, -4.9920, -30.6880 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(193, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 238, 170)  
}
```

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(193, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 238, 170) }
```

Border

The CSS property to change the border of an element to YIQ 216.7930, -4.9920, -30.6880 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(193, 238, 170) }
```


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

```
.border{ border-color:rgb(193, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 238,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7930, -4.9920, -30.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 238, 170) }
```

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

```
.background{ background-color: rgb(193,  
238, 170) }
```

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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