

Converting Colors

YIQ(221.7840, -8.8000,
-16.7360)

Have a look what the booklet for
YIQ(221.7840, -8.8000, -16.7360)
contains.

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Color

**YIQ(221.7840, -8.8000,
-16.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEBCB
RGB	203, 235, 203
RGB Percent	80%, 92%, 80%
CMY	0.2040, 0.0784, 0.2039
CMYK	0.14, 0.00, 0.14, 0.08
HSL	120°, 44%, 86%
HSV	120°, 14%, 92%
XYZ	65.1133, 76.4291, 67.8187
YIQ	221.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

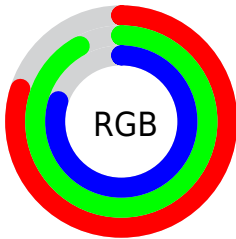
Format	Color
R_{YB}	203, 235, 235
Decimal	13364171
CIE _{Lab}	90.06, -16.38, 12.06
CIE _{LCh}	90, 20.335, 143.637
Yxy	76.4291, 0.3110, 0.3651
Android (android.graphics.Color)	4291554251 (0xFFCBEBCB)
YUV	221.7840, -9.2605, -16.4736
Hunter-Lab	87.4237, -20.0445, 15.2025

Details

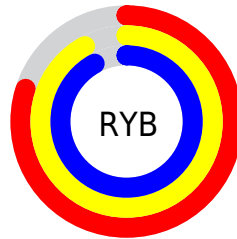
The YIQ color $221.7840, -8.8000, -16.7360$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $216.2160, 8.8000, 16.7360$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.6100, -8.2500, -15.6900$ is the 20% darker color. If you saturate the color by 10%, you get $211.9860, -15.7210, -28.9770$, and if you desaturate by 10%, it is $231.2830, -2.4750, -4.7070$.

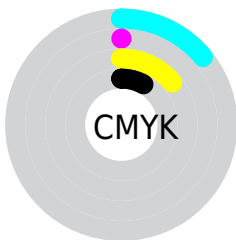
Distribution



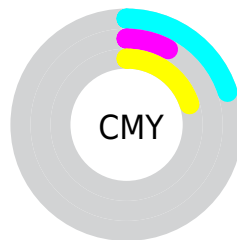
- Red (80%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.7840, -8.8000, -16.7360 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 221.7840, -8.8000, -16.7360 by changing the saturation by 10% instead.

■ 221.7840, -8.8000,
-16.7360

■ 221.7840, -8.8000,
-16.7360

255.0000, -0.0000,
-0.0000

■ 193.8980, -9.1210,
-16.4250

■ 166.6100, -8.2500,
-15.6900

■ 140.0230, -7.9750,
-15.1670

■ 114.1370, -8.2960,
-14.8560

■ 89.5500, -8.0210,
-14.3330

■ 66.0770, -8.0670,
-13.4990

■ 43.4900, -7.7920,

-12.9760

■ 22.1480, -6.8290,
-13.9090

■ 0.0000, 0.0000,
0.0000

■ 221.7840, -8.8000,
-16.7360

■ 221.7840, -8.8000,
-16.7360

■ 211.9860,
-15.7210, -28.9770

■ 231.2830, -2.4750,
-4.7070

■ 202.3730,
-21.7250, -41.3170

■ 241.1950, 4.1250,
7.8450

■ 192.5750,
-28.6460, -53.5580

■ 243.2600, 5.5000,
10.4600

■ 182.9620,
-34.6500, -65.8980

■ 173.1640,
-41.5710, -78.1390

■ 163.5510,
-47.5750, -90.4790

■ 153.7530,
-54.4960, -102.7200

■ 144.1400,
-60.5000, -115.0600

■ 137.9450,
-64.6250, -122.9050

Harmonies

Analogous

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



224.0590, 9.5390, -13.1890



221.7840, -8.8000, -16.7360



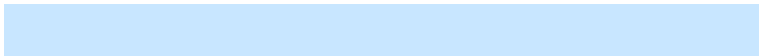
220.0300, -27.0480, -16.4240

Triad

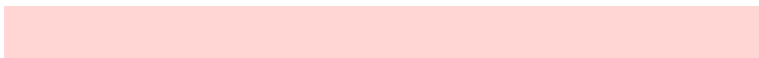
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.7840, -8.8000, -16.7360



223.8800, -25.9050, 1.4150



226.0310, 25.0780, 8.0700

Complementary

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



221.7840, -8.8000, -16.7360



216.2160, 8.8000, 16.7360

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.



227.6100, 19.2540, 14.5020



221.7840, -8.8000, -16.7360



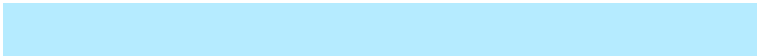
227.2460, -9.0800, 10.3760

Square

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



221.7840, -8.8000, -16.7360



221.1340, -38.6040, -5.2280



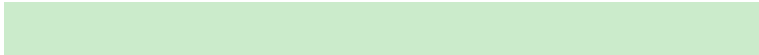
230.0310, 7.8830, 16.8350



226.5550, 29.1140, 1.0020

Rectangle

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



221.7840, -8.8000, -16.7360



219.4190, -35.3930, -13.8650



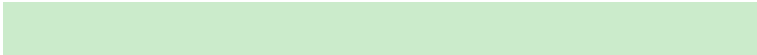
230.0310, 7.8830, 16.8350



226.1280, 23.4270, 10.4590

Sweetspot

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



221.7840, -8.8000, -16.7360



250.8700, -2.7500, -5.2300



231.3520, 10.2720, -9.9520



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



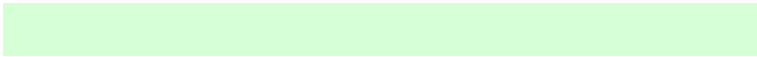
128.0000, -0.0000, -0.0000

Same Dimension

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



221.7840, -8.8000, -16.7360



238.0670, -11.2750, -21.4430



223.6080, -13.9360, -11.7600



112.4570, -3.0250, -5.7530



106.2470, -49.7750, -94.6630



31.6980, -14.8500, -28.2420

Inverse Universe

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



216.2160, 8.8000, 16.7360



230.9330, 11.2750, 21.4430



214.3920, 13.9360, 11.7600



110.5430, 3.0250, 5.7530



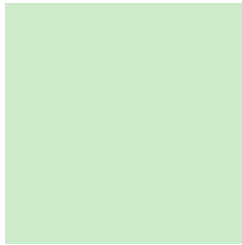
74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 221.7840, -8.8000, -16.7360 looks on a white background.

Color Contrast Check

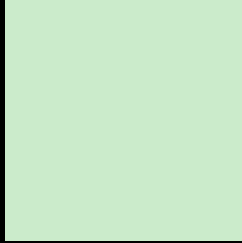
Large Text (above 18pt) WCAG AA × Fail

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 221.7840, -8.8000, -16.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

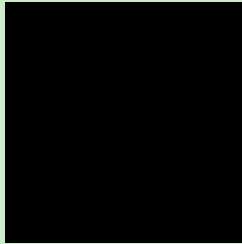
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

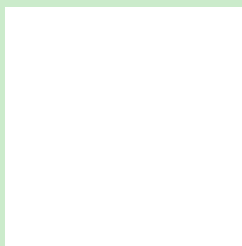
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.7840, -8.8000, -16.7360

Background



This preview shows how black text looks on a background with the YIQ color 221.7840, -8.8000, -16.7360.



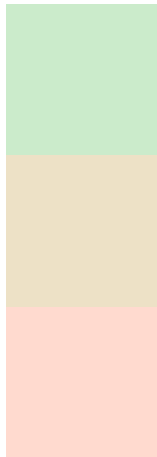
This preview shows how white text looks on a background with the YIQ color 221.7840, -8.8000, -16.7360.

-16.7360.

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

221.7840, -8.8000, -16.7360

Protanopia

225.5100, 15.8190, -5.8530

Deuteranopia

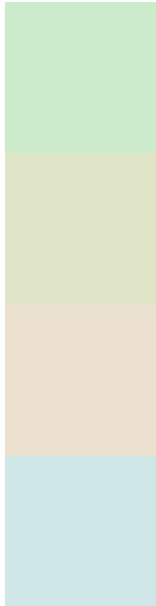
227.8090, 25.5830, 4.4230



Tritanopia

225.3710, -17.1020, 1.5700

Trichromacy



Original Color

221.7840, -8.8000, -16.7360

Protanomaly

224.4980, 6.9250, -9.8670

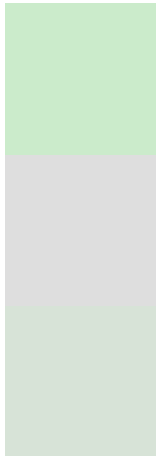
Deuteranomaly

225.5360, 12.9300, -3.0540

Tritanomaly

223.8240, -14.3040, -5.0880

Monochromacy



Original Color

221.7840, -8.8000, -16.7360

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0440, -3.3000, -6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.7840, -8.8000, -16.7360 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(203, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 203)  
}
```

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(203, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 203) }
```

Border

The CSS property to change the border of an element to YIQ 221.7840, -8.8000, -16.7360 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(203, 235, 203) }
```


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

```
.border{ border-color:rgb(203, 235, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 221.7840, -8.8000, -16.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 203) }
```

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

```
.background{ background-color: rgb(203,  
235, 203) }
```

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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