

Converting Colors

YIQ(221.6700, -8.4790,
-17.0470)

Have a look what the booklet for
YIQ(221.6700, -8.4790, -17.0470)
contains.

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Color

**YIQ(221.6700, -8.4790,
-17.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEBCA
RGB	203, 235, 202
RGB Percent	80%, 92%, 79%
CMY	0.2040, 0.0784, 0.2078
CMYK	0.14, 0.00, 0.14, 0.08
HSL	118°, 45%, 86%
HSV	118°, 14%, 92%
XYZ	64.9945, 76.3815, 67.1934
YIQ	221.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

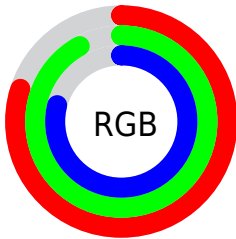
Format	Color
R_{YB}	202, 235, 234
Decimal	13364170
CIE Lab	90.04, -16.55, 12.55
CIE LCh	90, 20.767, 142.835
Yxy	76.3815, 0.3116, 0.3662
Android (android.graphics.Color)	4291554250 (0xFFCBEBCA)
YUV	221.6700, -9.6973, -16.3736
Hunter-Lab	87.3965, -20.1982, 15.5934

Details

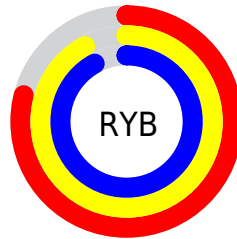
The YIQ color **221.6700, -8.4790, -17.0470** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **215.3300, 8.4790, 17.0470**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.4960, -7.9290, -16.0010** is the 20% darker color. If you saturate the color by 10%, you get **212.0570, -14.4830, -29.3870**, and if you desaturate by 10%, it is **231.2830, -2.4750, -4.7070**.

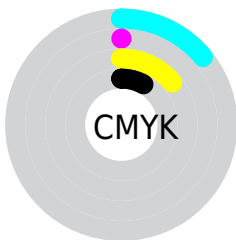
Distribution



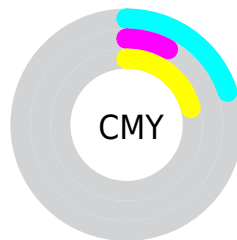
- Red (80%)
- Green (92%)
- Blue (79%)



- Red (79%)
- Yellow (92%)
- Blue (92%)



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



- Cyan (20%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6700, -8.4790, -17.0470 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 221.6700, -8.4790, -17.0470 by changing the saturation by 10% instead.

■ 221.6700, -8.4790,
-17.0470

■ 221.6700, -8.4790,
-17.0470

255.0000, -0.0000,
-0.0000

■ 193.7840, -8.8000,
-16.7360

■ 166.4960, -7.9290,
-16.0010

■ 139.9090, -7.6540,
-15.4780

■ 114.0230, -7.9750,
-15.1670

■ 89.4360, -7.7000,
-14.6440

■ 65.9630, -7.7460,
-13.8100

■ 43.3760, -7.4710,

-13.2870

■ 22.0340, -6.5080,
-14.2200

■ 0.0000, 0.0000,
0.0000

■ 221.6700, -8.4790,
-17.0470

■ 221.6700, -8.4790,
-17.0470

■ 212.0570,
-14.4830, -29.3870

■ 231.2830, -2.4750,
-4.7070

■ 202.5580,
-20.8080, -41.4160

■ 240.7820, 3.8500,
7.3220

■ 193.2440,
-26.2160, -53.5440

■ 243.2600, 5.5000,
10.4600

■ 183.7450,
-32.5410, -65.5730

■ 174.1320,
-38.5450, -77.9130

■ 164.6330,
-44.8700, -89.9420

■ 155.0200,
-50.8740, -102.2820

■ 145.8200,
-56.6030, -114.0990

■ 140.0380,
-60.4530, -121.4210

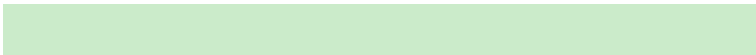
Harmonies

Analogous

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



224.2440, 10.4560, -13.2880



221.6700, -8.4790, -17.0470



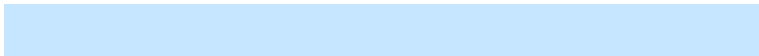
219.9160, -26.7270, -16.7350

Triad

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



221.6700, -8.4790, -17.0470



223.2820, -27.0970, 0.9910



225.4440, 25.3530, 8.5930

Complementary

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



221.6700, -8.4790, -17.0470



215.3300, 8.4790, 17.0470

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.



227.7240, 18.9330, 14.8130



221.6700, -8.4790, -17.0470



226.9470, -9.6760, 10.1640

Square

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



221.6700, -8.4790, -17.0470



220.5360, -39.7960, -5.6520



230.1450, 7.5620, 17.1460



225.9680, 29.3890, 1.5250

Rectangle

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



221.6700, -8.4790, -17.0470



219.1200, -35.9890, -14.0770



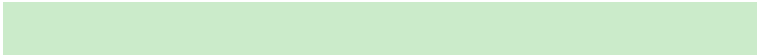
230.1450, 7.5620, 17.1460



226.1280, 23.4270, 10.4590

Sweetspot

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



221.6700, -8.4790, -17.0470



250.8700, -2.7500, -5.2300



230.6510, 10.8680, -9.7400



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



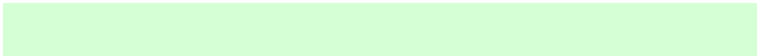
128.0000, -0.0000, -0.0000

Same Dimension

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



221.6700, -8.4790, -17.0470



237.5400, -11.2290, -22.2770



223.0810, -13.8900, -12.5940



112.4570, -3.0250, -5.7530



107.7420, -46.7950, -93.6030



32.2960, -13.6580, -27.8180

Inverse Universe

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



215.3300, 8.4790, 17.0470



229.4600, 11.2290, 22.2770



213.9190, 13.8900, 12.5940



110.5430, 3.0250, 5.7530



73.2580, 46.7950, 93.6030



21.7040, 13.6580, 27.8180

Previews

White Background



This preview shows how the YIQ color 221.6700, -8.4790, -17.0470 looks on a white background.

Color Contrast Check

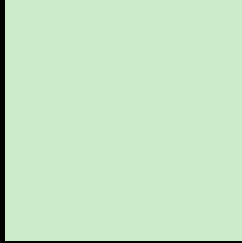
Large Text (above 18pt) WCAG AA × Fail

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 221.6700, -8.4790, -17.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

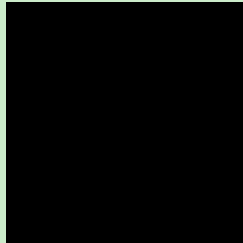
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

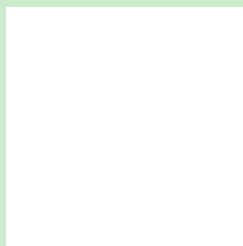
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.6700, -8.4790, -17.0470

Background



This preview shows how black text looks on a background with the YIQ color 221.6700, -8.4790, -17.0470.



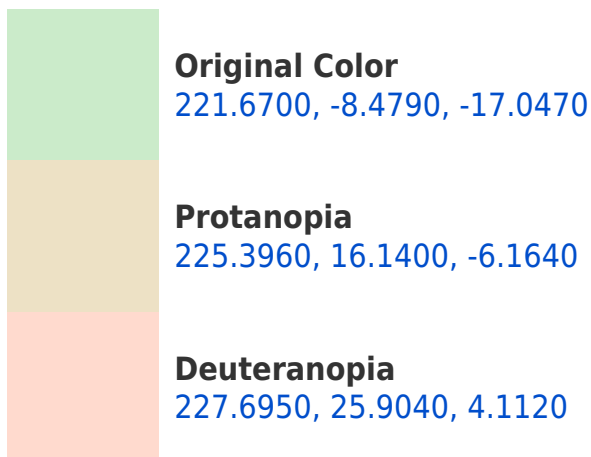
This preview shows how white text looks on a background with the YIQ color 221.6700, -8.4790,

-17.0470.

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





Tritanopia

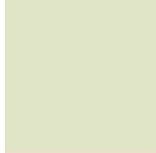
225.3710, -17.1020, 1.5700

Trichromacy



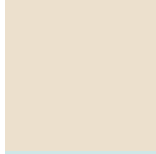
Original Color

221.6700, -8.4790, -17.0470



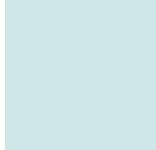
Protanomaly

224.3840, 7.2460, -10.1780



Deuteranomaly

225.4220, 13.2510, -3.3650



Tritanomaly

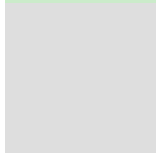
223.8240, -14.3040, -5.0880

Monochromacy



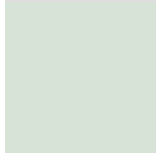
Original Color

221.6700, -8.4790, -17.0470



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 221.6700, -8.4790, -17.0470 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 202) }
```

Border

The CSS property to change the border of an element to YIQ 221.6700, -8.4790, -17.0470 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, 202) }
```


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

```
.border{ border-color:rgb(203, 235, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6700, -8.4790, -17.0470 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, 202) }
```

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

```
.background{ background-color: rgb(203,  
235, 202) }
```

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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