

Converting Colors

YUV(217.2820, -21.3380,
-16.0333)

Have a look what the booklet for
YUV(217.2820, -21.3380, -16.0333)
contains.

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Color

**YUV(217.2820, -21.3380,
-16.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	C7EBAE
RGB	199, 235, 174
RGB Percent	78%, 92%, 68%
CMY	0.2196, 0.0784, 0.3176
CMYK	0.15, 0.00, 0.26, 0.08
HSL	95°, 60%, 80%
HSV	95°, 26%, 92%
XYZ	60.9015, 74.6148, 51.2366
YIQ	217.2820, -1.8750, -26.6030

Conversions

Conversions Part 2

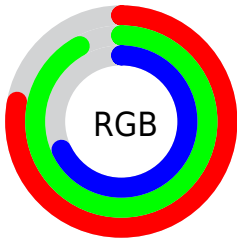
Format	Color
RYB	174, 235, 210
Decimal	13101998
CIELab	89.21, -22.45, 25.84
CIELCh	89, 34.226, 130.980
Yxy	74.6148, 0.3261, 0.3995
Android (android.graphics.Color)	4291292078 (0xFFC7EBAE)
YUV	217.2820, -21.3380, -16.0333
Hunter-Lab	86.3798, -25.3145, 25.2977

Details

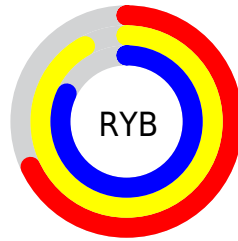
The YUV color **217.2820, -21.3380, -16.0333** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **191.7180, 21.3380, 16.0333**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.1500, -10.9200, 2.4994**, and **161.9230, -20.1750, -15.7185** is the 20% darker color. If you saturate the color by 10%, you get **210.4740, -29.3207, -22.3407**, and if you desaturate by 10%, it is **224.2040, -12.9186, -9.8259**.

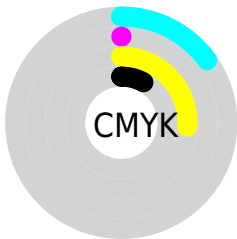
Distribution



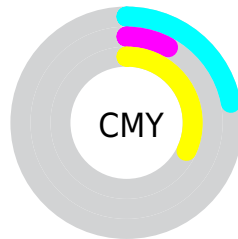
- Red (78%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2820, -21.3380, -16.0333 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 YUV color 217.2820, -21.3380, -16.0333 by changing the saturation by 10% instead.

■ 217.2820,
-21.3380, -16.0333

■ 217.2820,
-21.3380, -16.0333

255.0000, 0.0000,
0.0000

■ 189.3960,
-20.9012, -16.1333

■ 252.1500,
-10.9200, 2.4994

■ 161.9230,
-20.1750, -15.7185

■ 135.4500,
-19.4488, -15.3036

■ 109.9770,
-18.7227, -14.8888

■ 85.2050, -17.8491,
-15.0888

■ 61.6180, -17.5597,
-14.5740

■ 38.5040, -17.9965,

-14.4740

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 217.2820,
-21.3380, -16.0333

■ 217.2820,
-21.3380, -16.0333

■ 210.4740,
-29.3207, -22.3407

■ 224.2040,
-12.9186, -9.8259

■ 203.5520,
-37.7401, -28.5481

■ 231.0120, -4.9359,
-3.5185

■ 196.7440,
-45.7228, -34.8555

■ 237.8200, 3.0467,
2.7889

■ 190.1210,
-54.2897, -40.4481

■ 242.9610, 5.9352,
9.6812

■ 183.1990,
-62.7091, -46.6555

■ 243.2600, 5.7878,
10.2960

■ 176.3910,
-70.6918, -52.9629

■ 169.5830,
-78.6744, -59.2703

■ 166.6490,
-82.1580, -61.9592

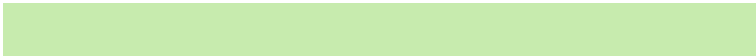
Harmonies

Analogous

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



221.1670, -30.1553, 12.1315



217.2820, -21.3380, -16.0333



212.6340, -5.2426, -45.2830

Triad

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



217.2820, -21.3380, -16.0333



211.8870, 21.2547, -50.7669



217.9270, -2.4290, 32.5130

Complementary

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



217.2820, -21.3380, -16.0333



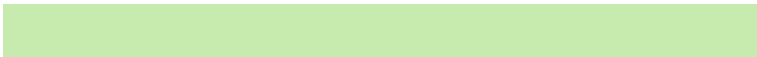
191.7180, 21.3380, 16.0333

Split Complementary

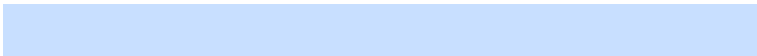
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.4500, 11.1172, 27.6694



217.2820, -21.3380, -16.0333



219.7710, 17.3679, -17.3392

Square

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



217.2820, -21.3380, -16.0333



207.3250, 23.5038, -72.1990



226.4700, 14.0653, 15.3738



217.4420, -16.9799, 32.9384

Rectangle

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



217.2820, -21.3380, -16.0333



209.4500, 7.1732, -60.9076



226.4700, 14.0653, 15.3738



219.1810, 2.3758, 31.4133

Sweetspot

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



217.2820, -21.3380, -16.0333



249.1320, -6.9671, -5.3778



213.3710, -19.4099, 18.9686



124.1260, -4.4991, -3.6185



0.0000, 0.0000, 0.0000



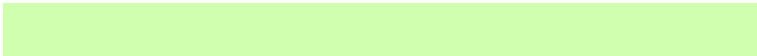
128.0000, 0.0000, 0.0000

Same Dimension

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



217.2820, -21.3380, -16.0333



231.9410, -27.5789, -20.9963



210.3770, -15.4689, -31.9026



113.6530, -3.7729, -3.2037



128.3730, -63.2879, -47.6851



38.2760, -18.8701, -14.2741

Inverse Universe

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



191.7180, 21.3380, 16.0333



199.0590, 27.5789, 20.9963



198.6230, 15.4689, 31.9026



109.0480, 3.9203, 2.5889



52.6270, 63.2879, 47.6851



15.7240, 18.8701, 14.2741

Previews

White Background



This preview shows how the YUV color 217.2820, -21.3380, -16.0333 looks on a white background.

Color Contrast Check

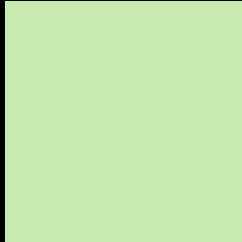
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 217.2820, -21.3380, -16.0333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

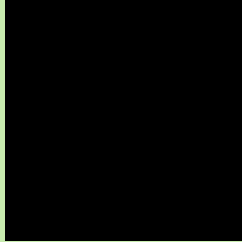
Any Text WCAG AA ✓ Pass

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](#).

YUV 217.2820, -21.3380, -16.0333 Background



This preview shows how black text looks on a background with the YUV color 217.2820, -21.3380, -16.0333.



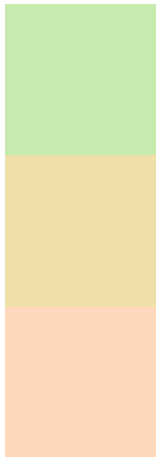
This preview shows how white text looks on a background with the YUV color 217.2820, -21.3380, -16.0333.

-16.0333.

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

217.2820, -21.3380, -16.0333

Protanopia

221.6280, -25.9456, 15.2352

Deuteranopia

224.3550, -18.4160, 26.8757



Tritanopia

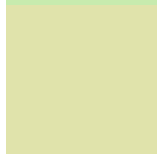
223.2680, 10.2209, -11.6360

Trichromacy



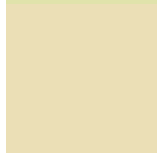
Original Color

217.2820, -21.3380, -16.0333



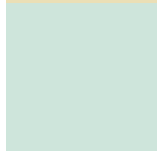
Protanomaly

219.7190, -24.0185, 3.7544



Deuteranomaly

221.9140, -19.6776, 11.4764



Tritanomaly

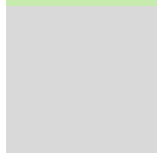
220.9830, -0.9776, -13.1401

Monochromacy



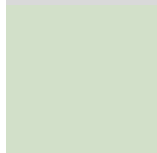
Original Color

217.2820, -21.3380, -16.0333



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2820, -21.3380, -16.0333 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(199, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 235, 174)  
}
```

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(199, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 235, 174) }
```

Border

The CSS property to change the border of an element to YUV 217.2820, -21.3380, -16.0333 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(199, 235, 174) }
```


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

```
.border{ border-color:rgb(199, 235, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 235, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 235,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 217.2820, -21.3380, -16.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 235, 174) }
```

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

```
.background{ background-color: rgb(199,  
235, 174) }
```

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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