

Converting Colors

YUV(217.0230, -11.8433,
-28.0842)

Have a look what the booklet for
YUV(217.0230, -11.8433, -28.0842)
contains.

YUV(217.0230, -11.8433, -28.0842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.0230, -11.8433,
-28.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EEC1
RGB	185, 238, 193
RGB Percent	73%, 93%, 76%
CMY	0.2745, 0.0667, 0.2431
CMYK	0.22, 0.00, 0.19, 0.07
HSL	129°, 61%, 83%
HSV	129°, 22%, 93%
XYZ	60.2078, 75.3136, 61.8158
YIQ	217.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

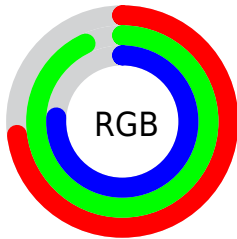
Format	Color
RYB	185, 231, 238
Decimal	12185281
CIELab	89.54, -25.50, 16.36
CIElCh	90, 30.296, 147.319
Yxy	75.3136, 0.3051, 0.3816
Android (android.graphics.Color)	4290375361 (0xFFB9EEC1)
YUV	217.0230, -11.8433, -28.0842
Hunter-Lab	86.7834, -28.0330, 18.5162

Details

The YUV color **217.0230, -11.8433, -28.0842** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.9770, 11.8433, 28.0842**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5430, -0.2677, -7.4922**, and **161.8490, -11.2646, -27.0546** is the 20% darker color. If you saturate the color by 10%, you get **207.5670, -17.0415, -40.8393**, and if you desaturate by 10%, it is **226.4790, -6.6451, -15.3291**.

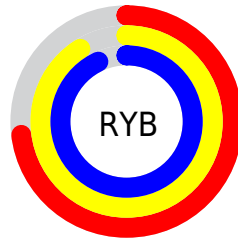
Distribution



Red (73%)

Green (93%)

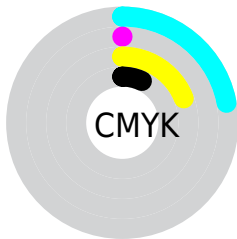
Blue (76%)



Red (73%)

Yellow (91%)

Blue (93%)

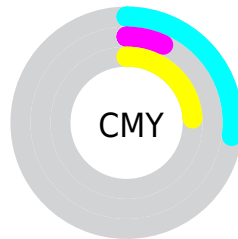


Cyan (22%)

Magenta (0%)

Yellow (19%)

Black (7%)



Cyan (27%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0230, -11.8433, -28.0842 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 217.0230, -11.8433, -28.0842 by changing the saturation by 10% instead.

■ 217.0230,
-11.8433, -28.0842

■ 217.0230,
-11.8433, -28.0842

255.0000, 0.0000,
0.0000

■ 189.4360,
-11.5539, -27.5694

■ 250.5430, -0.2677,
-7.4922

■ 161.8490,
-11.2646, -27.0546

■ 135.3760,
-10.5384, -26.6398

■ 109.7890,
-10.2490, -26.1250

■ 84.4300, -9.0860,
-25.8101

■ 60.5440, -8.6492,
-25.9101

■ 36.2770, -7.0386,

-29.1839

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 217.0230,
-11.8433, -28.0842

■ 217.0230,
-11.8433, -28.0842

■ 207.5670,
-17.0415, -40.8393

■ 226.4790, -6.6451,
-15.3291

■ 198.1110,
-22.2397, -53.5943

■ 235.9350, -1.4470,
-2.5740

■ 188.8400,
-28.0221, -65.6347

■ 244.9070, 4.4828,
8.8516

■ 179.3840,
-33.2203, -78.3898

■ 245.0210, 4.9196,
8.7516

■ 169.9280,
-38.4185, -91.1449

■ 160.4720,
-43.6167, -103.8999

■ 151.0160,
-48.8149, -116.6550

■ 143.8100,
-53.1503, -126.1214

Harmonies

Analogous

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



220.5010, -23.4180, -2.1934



217.0230, -11.8433, -28.0842



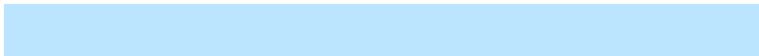
213.0060, 3.9410, -50.8713

Triad

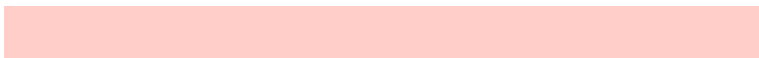
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.0230, -11.8433, -28.0842



218.5200, 17.9846, -28.5200



219.9670, -9.8437, 30.7239

Complementary

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



217.0230, -11.8433, -28.0842



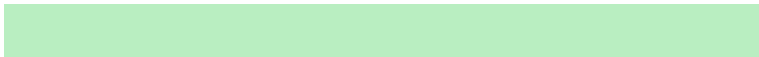
205.9770, 11.8433, 28.0842

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.



222.0990, 3.4022, 28.8542



217.0230, -11.8433, -28.0842



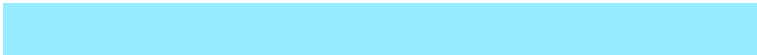
225.1970, 14.6929, 0.7042

Square

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



217.0230, -11.8433, -28.0842



213.0500, 20.6814, -53.5408



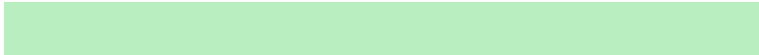
227.9980, 13.3120, 23.6808



221.4540, -21.9158, 29.4198

Rectangle

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



217.0230, -11.8433, -28.0842



211.6980, 14.4459, -60.2481



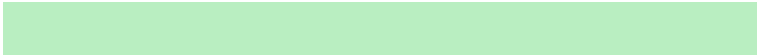
227.9980, 13.3120, 23.6808



220.4060, -5.6232, 30.3389

Sweetspot

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



217.0230, -11.8433, -28.0842



247.9080, -3.8986, -9.5663



229.5660, -21.9710, 0.3806



123.6850, -2.3097, -5.8627



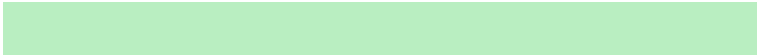
0.0000, 0.0000, 0.0000



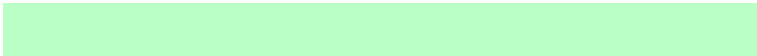
128.0000, 0.0000, 0.0000

Same Dimension

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



217.0230, -11.8433, -28.0842



227.7570, -15.1632, -36.6209



219.9870, -0.4866, -30.6836



115.2720, -2.5991, -6.3775



111.2000, -41.0176, -97.5224



33.7840, -12.7115, -29.6286

Inverse Universe

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



205.9770, 11.8433, 28.0842



213.3570, 15.6000, 36.5209



203.0130, 0.4866, 30.6836



112.7280, 2.5991, 6.3775



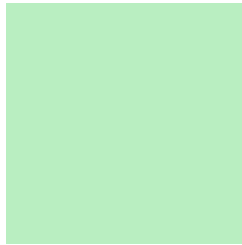
72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 217.0230, -11.8433, -28.0842 looks on a white background.

Color Contrast Check

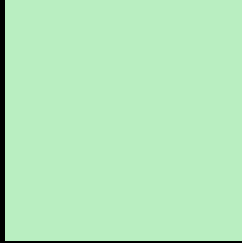
Large Text (above 18pt) WCAG AA × Fail

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 217.0230, -11.8433, -28.0842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

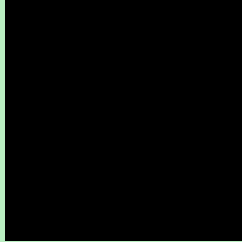
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

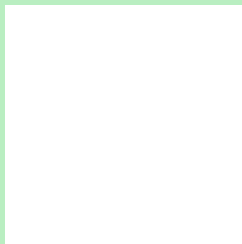
Any Text WCAG AAA ✓ Pass

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

YUV 217.0230, -11.8433, -28.0842 Background



This preview shows how black text looks on a background with the YUV color 217.0230, -11.8433, -28.0842.



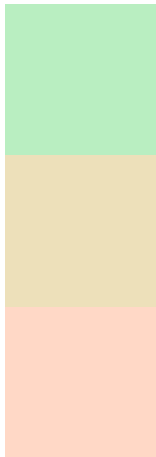
This preview shows how white text looks on a background with the YUV color 217.0230, -11.8433, -28.0842.

-28.0842.

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

217.0230, -11.8433, -28.0842

Protanopia

223.5550, -18.5146, 11.7913

Deuteranopia

225.6090, -13.6112, 25.7759



Tritanopia

221.7010, 13.4584, -23.4168

Trichromacy



Original Color

217.0230, -11.8433, -28.0842

Protanomaly

221.1510, -15.8504, -2.7634

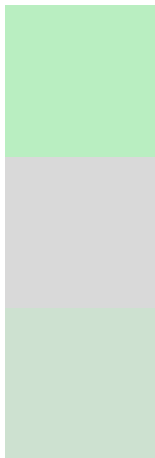
Deuteranomaly

222.6020, -13.1148, 6.4880

Tritanomaly

219.9860, 4.4439, -25.4207

Monochromacy



Original Color

217.0230, -11.8433, -28.0842

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0230, -11.8433, -28.0842 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(185, 238, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 238, 193)  
}
```

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(185, 238, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 238, 193) }
```

Border

The CSS property to change the border of an element to YUV 217.0230, -11.8433, -28.0842 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(185, 238, 193) }
```


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

```
.border{ border-color:rgb(185, 238, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 238, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 238, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 238, 193); box-shadow:4px 4px 4px 4px rgb(185, 238, 193) }
```

Background

The CSS property to change the background color of an element to YUV 217.0230, -11.8433, -28.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 238, 193) }
```

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

```
.background{ background-color: rgb(185,  
238, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor