

Converting Colors

YUV(209.8380, -11.2591,
-28.7989)

Have a look what the booklet for
YUV(209.8380, -11.2591, -28.7989)
contains.

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Color

**YUV(209.8380, -11.2591,
-28.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7BB
RGB	177, 231, 187
RGB Percent	69%, 91%, 73%
CMY	0.3059, 0.0941, 0.2667
CMYK	0.23, 0.00, 0.19, 0.09
HSL	131°, 53%, 80%
HSV	131°, 23%, 91%
XYZ	55.6770, 70.0868, 57.6073
YIQ	209.8380, -18.0600, -25.1320

Conversions

Conversions Part 2

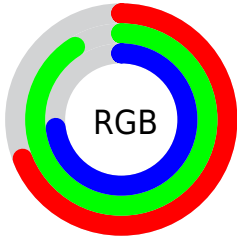
Format	Color
RYB	177, 223, 231
Decimal	11659195
CIELab	87.04, -25.78, 15.89
CIELCh	87, 30.283, 148.340
Yxy	70.0868, 0.3036, 0.3822
Android (android.graphics.Color)	4289849275 (0xFFB1E7BB)
YUV	209.8380, -11.2591, -28.7989
Hunter-Lab	83.7179, -27.7939, 17.8043

Details

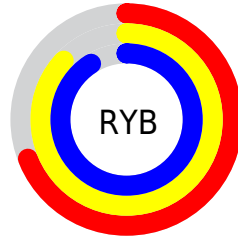
The YUV color **209.8380, -11.2591, -28.7989** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **198.1620, 11.2591, 28.7989**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0540, -1.9986, -12.3254**, and **154.7780, -10.2436, -27.8693** is the 20% darker color. If you saturate the color by 10%, you get **200.7950, -16.1679, -41.0392**, and if you desaturate by 10%, it is **218.8810, -6.3503, -16.5586**.

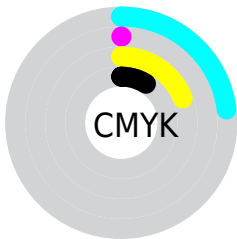
Distribution



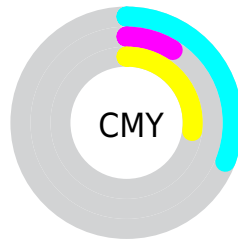
- Red (69%)
- Green (91%)
- Blue (73%)



- Red (69%)
- Yellow (87%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8380, -11.2591, -28.7989 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 209.8380, -11.2591, -28.7989 by changing the saturation by 10% instead.

■ 209.8380,
-11.2591, -28.7989

■ 209.8380,
-11.2591, -28.7989

255.0000, 0.0000,
0.0000

■ 182.2510,
-10.9697, -28.2841

■ 247.0540, -1.9986,
-12.3254

■ 154.7780,
-10.2436, -27.8693

■ 128.4900,
-10.1016, -26.7397

■ 102.7180, -9.2280,
-26.9397

■ 78.2450, -8.5018,
-26.5249

■ 54.0600, -7.9176,
-27.2396

■ 31.4020, -6.6072,

-27.5396

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 209.8380,
-11.2591, -28.7989

■ 209.8380,
-11.2591, -28.7989

■ 200.7950,
-16.1679, -41.0392

■ 218.8810, -6.3503,
-16.5586

■ 191.7520,
-21.0767, -53.2795

■ 227.9240, -1.4415,
-4.3183

■ 182.8230,
-25.5487, -65.6198

■ 236.8530, 3.0305,
8.0219

■ 173.7800,
-30.4575, -77.8601

■ 240.9120, 6.9454,
12.3552

■ 164.7370,
-35.3663, -90.1003

■ 155.3950,
-40.1277, -102.9554

■ 146.3520,
-45.0365, -115.1957

■ 140.4990,
-48.0670, -123.2176

Harmonies

Analogous

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



213.9030, -23.1232, -3.4229



209.8380, -11.2591, -28.7989



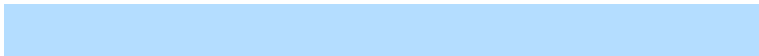
206.1200, 4.3778, -50.9712

Triad

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



209.8380, -11.2591, -28.7989



212.6170, 20.8948, -28.6051



214.9460, -11.3124, 35.1274

Complementary

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



209.8380, -11.2591, -28.7989



198.1620, 11.2591, 28.7989

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.



217.0780, 1.9335, 33.2576



209.8380, -11.2591, -28.7989



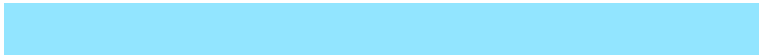
218.7070, 17.8924, 1.1340

Square

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



209.8380, -11.2591, -28.7989



207.1470, 23.5915, -53.6259



222.9060, 12.8643, 27.2694



216.5470, -22.9477, 33.7233

Rectangle

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



209.8380, -11.2591, -28.7989



204.5130, 15.0301, -60.9629



222.9060, 12.8643, 27.2694



215.3850, -7.0918, 34.7424

Sweetspot

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



209.8380, -11.2591, -28.7989



247.9080, -3.8986, -9.5663



221.8540, -22.1130, -0.7490



123.6850, -2.3097, -5.8627



0.0000, 0.0000, 0.0000



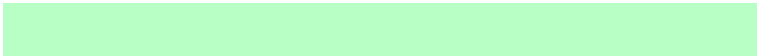
128.0000, 0.0000, 0.0000

Same Dimension

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



209.8380, -11.2591, -28.7989



227.1590, -14.8684, -37.8504



212.9160, 0.5344, -31.4983



110.2720, -2.5991, -6.3775



108.8350, -37.3867, -95.4483



30.9630, -10.8278, -27.1546

Inverse Universe

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



198.1620, 11.2591, 28.7989



211.8410, 14.8684, 37.8504



195.0840, -0.5344, 31.4983



107.7280, 2.5991, 6.3775



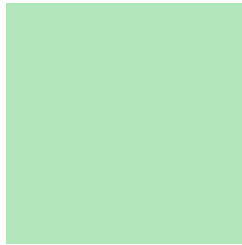
70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 209.8380, -11.2591, -28.7989 looks on a white background.

Color Contrast Check

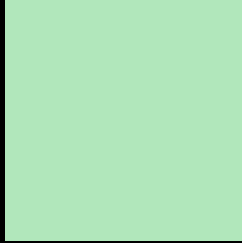
Large Text (above 18pt) WCAG AA × Fail

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 209.8380, -11.2591, -28.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

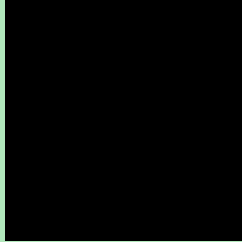
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

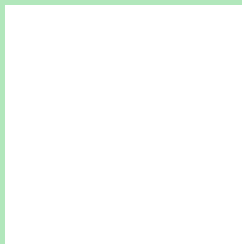
Any Text WCAG AAA ✓ Pass

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

YUV 209.8380, -11.2591, -28.7989 Background



This preview shows how black text looks on a background with the YUV color 209.8380, -11.2591, -28.7989.



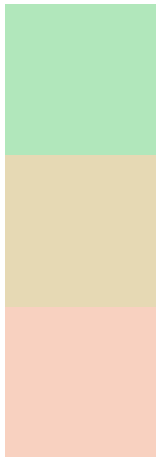
This preview shows how white text looks on a background with the YUV color 209.8380, -11.2591, -28.7989.

-28.7989.

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

209.8380, -11.2591, -28.7989

Protanopia

216.6690, -18.0778, 11.6913

Deuteranopia

218.7230, -13.1744, 25.6759



Tritanopia

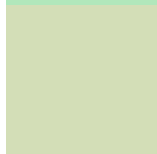
214.8750, 12.8796, -24.4464

Trichromacy



Original Color

209.8380, -11.2591, -28.7989



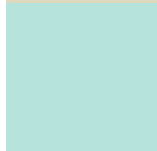
Protanomaly

214.2650, -15.4136, -2.8634



Deuteranomaly

215.4170, -12.5306, 5.7733



Tritanomaly

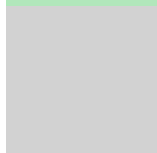
213.1600, 3.8651, -26.4503

Monochromacy



Original Color

209.8380, -11.2591, -28.7989



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.1960, -4.0406, -10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8380, -11.2591, -28.7989 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(177, 231, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 187)  
}
```

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(177, 231, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 187) }
```

Border

The CSS property to change the border of an element to YUV 209.8380, -11.2591, -28.7989 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(177, 231, 187) }
```


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

```
.border{ border-color:rgb(177, 231, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 209.8380, -11.2591, -28.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 187) }
```

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

```
.background{ background-color: rgb(177,  
231, 187) }
```

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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