

Converting Colors

YUV(210.4910, -11.5811,
-18.8476)

Have a look what the booklet for
YUV(210.4910, -11.5811, -18.8476)
contains.

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Color

**YUV(210.4910, -11.5811,
-18.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE2BB
RGB	189, 226, 187
RGB Percent	74%, 89%, 73%
CMY	0.2588, 0.1137, 0.2667
CMYK	0.16, 0.00, 0.17, 0.11
HSL	117°, 40%, 81%
HSV	117°, 17%, 89%
XYZ	57.1523, 68.7994, 57.2811
YIQ	210.4910, -9.5330, -19.9730

Conversions

Conversions Part 2

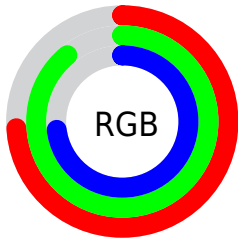
Format	Color
RYB	187, 226, 224
Decimal	12444347
CIELab	86.40, -19.38, 15.11
CIELCh	86, 24.570, 142.060
Yxy	68.7994, 0.3119, 0.3755
Android (android.graphics.Color)	4290634427 (0xFFBDE2BB)
YUV	210.4910, -11.5811, -18.8476
Hunter-Lab	82.9454, -22.1617, 17.1168

Details

The YUV color **210.4910, -11.5811, -18.8476** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.5090, 11.5811, 18.8476**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.9410, -3.9149, -4.3333**, and **156.0180, -10.8549, -18.4328** is the 20% darker color. If you saturate the color by 10%, you get **201.5900, -18.5319, -29.4584**, and if you desaturate by 10%, it is **219.3920, -4.6303, -8.2368**.

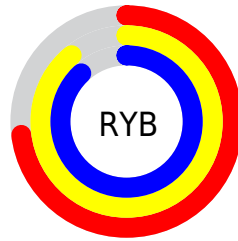
Distribution



Red (74%)

Green (89%)

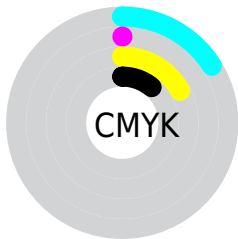
Blue (73%)



Red (73%)

Yellow (89%)

Blue (88%)

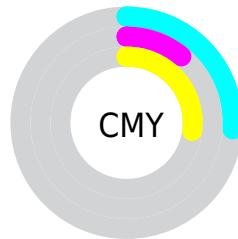


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.4910, -11.5811, -18.8476 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 210.4910, -11.5811, -18.8476 by changing the saturation by 10% instead.

■ 210.4910,
-11.5811, -18.8476

■ 210.4910,
-11.5811, -18.8476

255.0000, 0.0000,
0.0000

■ 182.9040,
-11.2917, -18.3328

■ 250.9410, -3.9149,
-4.3333

■ 156.0180,
-10.8549, -18.4328

■ 129.7300,
-10.7129, -17.3032

■ 104.2570, -9.9867,
-16.8884

■ 79.7840, -9.2605,
-16.4736

■ 56.8980, -8.8237,
-16.5735

■ 34.1260, -7.9501,

-16.7735

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 210.4910,
-11.5811, -18.8476

■ 210.4910,
-11.5811, -18.8476

■ 201.5900,
-18.5319, -29.4584

■ 219.3920, -4.6303,
-8.2368

■ 192.5040,
-24.8985, -40.7840

■ 228.4780, 1.7363,
3.0888

■ 183.6030,
-31.8493, -51.3948

■ 237.3790, 8.6872,
13.6996

■ 174.5170,
-38.2159, -62.7204

■ 237.9770, 8.3923,
14.9292

■ 165.6160,
-45.1667, -73.3312

■ 156.4160,
-51.9701, -84.5568

■ 147.6290,
-58.4841, -95.2676

■ 138.4290,
-65.2875, -106.4932

■ 136.2500,
-67.1713, -108.9673

Harmonies

Analogous

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



213.4460, -19.9399, 2.2399



210.4910, -11.5811, -18.8476



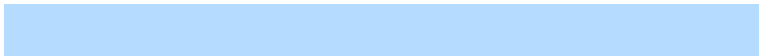
207.5840, 0.6981, -37.3462

Triad

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



210.4910, -11.5811, -18.8476



212.3290, 21.0368, -27.4755



216.4450, -8.1074, 33.8127

Complementary

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



210.4910, -11.5811, -18.8476



202.5090, 11.5811, 18.8476

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.



219.0670, 1.9390, 31.5132



210.4910, -11.5811, -18.8476



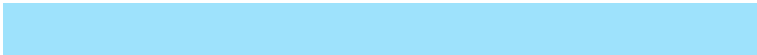
216.9020, 18.7823, -4.2991

Square

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



210.4910, -11.5811, -18.8476



208.6320, 21.3804, -44.4043



220.0250, 12.3127, 17.5181



217.1000, -18.2903, 33.2383

Rectangle

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



210.4910, -11.5811, -18.8476



207.0050, 8.8715, -45.6084



220.0250, 12.3127, 17.5181



217.2430, -5.0498, 33.1129

Sweetspot

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



210.4910, -11.5811, -18.8476



249.9300, -3.9095, -6.0776



219.7930, -16.1669, 5.4435



124.6960, -2.3151, -4.1184



0.0000, 0.0000, 0.0000



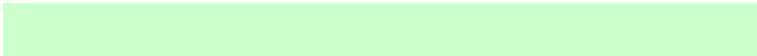
128.0000, 0.0000, 0.0000

Same Dimension

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



210.4910, -11.5811, -18.8476



233.5950, -16.0693, -25.9548



211.8310, -3.8607, -21.7768



107.7560, -3.3307, -5.0480



106.0030, -52.2595, -85.0716



28.7740, -14.1856, -23.4808

Inverse Universe

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



202.5090, 11.5811, 18.8476



222.4050, 16.0693, 25.9548



201.1690, 3.8607, 21.7768



105.5430, 3.1833, 5.6628



69.9970, 52.2595, 85.0716



19.2260, 14.1856, 23.4808

Previews

White Background



This preview shows how the YUV color 210.4910, -11.5811, -18.8476 looks on a white background.

Color Contrast Check

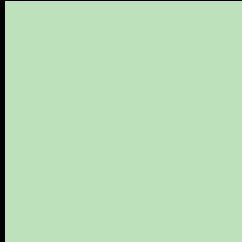
Large Text (above 18pt) WCAG AA × Fail

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 210.4910, -11.5811, -18.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

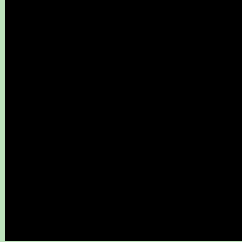
Any Text WCAG AA ✓ Pass

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 210.4910, -11.5811, -18.8476 Background



This preview shows how black text looks on a background with the YUV color 210.4910, -11.5811, -18.8476.



This preview shows how white text looks on a background with the YUV color 210.4910, -11.5811, -18.8476.

-18.8476.

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

210.4910, -11.5811, -18.8476

Protanopia

214.8260, -16.1832, 10.6766

Deuteranopia

217.4240, -13.0270, 25.0612



Tritanopia

214.4740, 11.1053, -15.3247

Trichromacy



Original Color

210.4910, -11.5811, -18.8476

Protanomaly

213.2160, -14.4035, -0.1894

Deuteranomaly

215.1400, -12.3940, 8.6472

Tritanomaly

213.2860, 2.8170, -16.9138

Monochromacy



Original Color

210.4910, -11.5811, -18.8476

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2180, -4.0515, -7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4910, -11.5811, -18.8476 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(189, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 226, 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(189, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 187) }
```

Border

The CSS property to change the border of an element to YUV 210.4910, -11.5811, -18.8476 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(189, 226, 187) }
```


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

```
.border{ border-color:rgb(189, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 226,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 210.4910, -11.5811, -18.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 226, 187) }
```

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

```
.background{ background-color: rgb(189,  
226, 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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