

Converting Colors

YUV(205.0670, -11.8650,
-21.1068)

Have a look what the booklet for
YUV(205.0670, -11.8650, -21.1068)
contains.

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Color

**YUV(205.0670, -11.8650,
-21.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DEB5
RGB	181, 222, 181
RGB Percent	71%, 87%, 71%
CMY	0.2902, 0.1294, 0.2902
CMYK	0.18, 0.00, 0.18, 0.13
HSL	120°, 38%, 79%
HSV	120°, 18%, 87%
XYZ	53.5178, 65.4025, 53.5193
YIQ	205.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

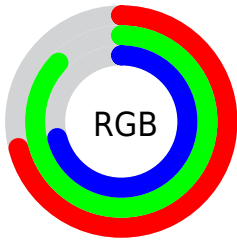
Format	Color
RYB	181, 222, 222
Decimal	11919029
CIELab	84.69, -21.13, 15.77
CIELCh	85, 26.365, 143.275
Yxy	65.4025, 0.3104, 0.3793
Android (android.graphics.Color)	4290109109 (0xFFB5DEB5)
YUV	205.0670, -11.8650, -21.1068
Hunter-Lab	80.8718, -23.4013, 17.3734

Details

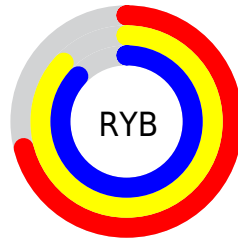
The YUV color **205.0670, -11.8650, -21.1068** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197.9330, 11.8650, 21.1068**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5660, -5.2090, -9.2664**, and **150.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **195.9810, -18.2316, -32.4323**, and if you desaturate by 10%, it is **214.1530, -5.4984, -9.7812**.

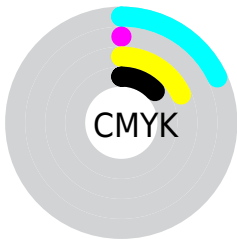
Distribution



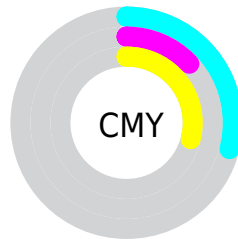
- Red (71%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.0670, -11.8650, -21.1068 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 205.0670, -11.8650, -21.1068 by changing the saturation by 10% instead.

■ 205.0670,
-11.8650, -21.1068

■ 205.0670,
-11.8650, -21.1068

255.0000, 0.0000,
0.0000

■ 177.4800,
-11.5756, -20.5920

■ 247.5660, -5.2090,
-9.2664

■ 150.8930,
-11.2862, -20.0772

■ 124.4200,
-10.5601, -19.6623

■ 99.5340, -10.1233,
-19.7623

■ 75.0610, -9.3971,
-19.3475

■ 51.5880, -8.6709,
-18.9327

■ 29.4030, -8.0867,

-19.6474

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 205.0670,
-11.8650, -21.1068

■ 205.0670,
-11.8650, -21.1068

■ 195.9810,
-18.2316, -32.4323

■ 214.1530, -5.4984,
-9.7812

■ 186.8950,
-24.5982, -43.7579

■ 223.2390, 0.8682,
1.5444

■ 177.3960,
-31.2542, -55.5983

■ 232.7380, 7.5242,
13.3848

■ 168.3100,
-37.6208, -66.9239

■ 235.6290, 9.5499,
16.9884

■ 159.2240,
-43.9874, -78.2494

■ 150.1380,
-50.3540, -89.5750

■ 141.0520,
-56.7206, -100.9006

■ 131.5530,
-63.3766, -112.7410

■ 130.3140,
-64.2448, -114.2854

Harmonies

Analogous

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



208.3920, -21.3923, 1.4102



205.0670, -11.8650, -21.1068



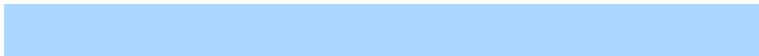
201.7900, 1.5825, -41.0348

Triad

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



205.0670, -11.8650, -21.1068



207.3010, 23.5156, -29.2050



212.1250, -9.4286, 37.6014

Complementary

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



205.0670, -11.8650, -21.1068



197.9330, 11.8650, 21.1068

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.



214.9750, 1.4913, 35.1019



205.0670, -11.8650, -21.1068



212.7710, 20.8189, -4.1842

Square

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



205.0670, -11.8650, -21.1068



203.0660, 23.1385, -48.2929



215.4490, 12.5966, 19.7772



213.2530, -20.3377, 36.6121

Rectangle

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



205.0670, -11.8650, -21.1068



201.0260, 10.3402, -50.0118



215.4490, 12.5966, 19.7772



213.0370, -5.9342, 36.8016

Sweetspot

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



205.0670, -11.8650, -21.1068



248.8050, -4.3409, -7.7220



217.3260, -17.9087, 4.0991



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000



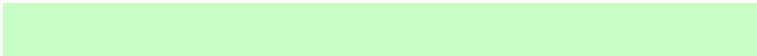
128.0000, 0.0000, 0.0000

Same Dimension

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



205.0670, -11.8650, -21.1068



231.8720, -16.2059, -28.8287



207.4610, -2.6923, -23.2063



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



197.9330, 11.8650, 21.1068



222.1280, 16.2059, 28.8287



195.6530, 3.1291, 23.1063



105.5430, 3.1833, 5.6628



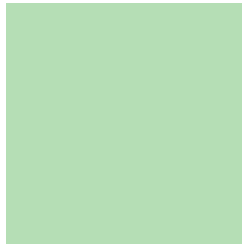
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 205.0670, -11.8650, -21.1068 looks on a white background.

Color Contrast Check

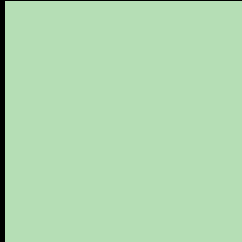
Large Text (above 18pt) WCAG AA × Fail

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 205.0670, -11.8650, -21.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

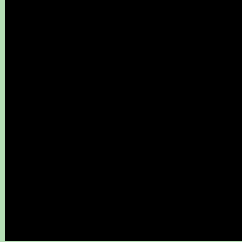
Any Text WCAG AA ✓ Pass

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 205.0670, -11.8650, -21.1068 Background



This preview shows how black text looks on a background with the YUV color 205.0670, -11.8650, -21.1068.



This preview shows how white text looks on a background with the YUV color 205.0670, -11.8650, -21.1068.

-21.1068.

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

205.0670, -11.8650, -21.1068

Protanopia

209.8970, -17.2042, 11.4913

Deuteranopia

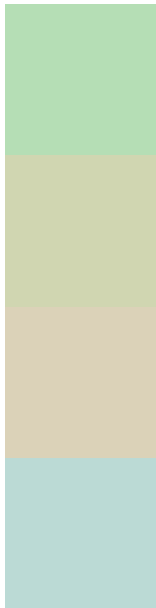
212.3100, -13.4638, 25.1611



Tritanopia

209.4630, 11.1107, -17.0691

Trichromacy



Original Color

205.0670, -11.8650, -21.1068

Protanomaly

207.9880, -15.2771, 0.0105

Deuteranomaly

209.7270, -12.6834, 8.1324

Tritanomaly

208.1610, 2.3856, -18.5582

Monochromacy



Original Color

205.0670, -11.8650, -21.1068

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.0670, -11.8650, -21.1068 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(181, 222, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 222, 181)  
}
```

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(181, 222, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 222, 181) }
```

Border

The CSS property to change the border of an element to YUV 205.0670, -11.8650, -21.1068 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(181, 222, 181) }
```


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

```
.border{ border-color:rgb(181, 222, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 222, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 222, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 222, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 222,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 205.0670, -11.8650, -21.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 222, 181) }
```

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

```
.background{ background-color: rgb(181,  
222, 181) }
```

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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