

Converting Colors

YUV(206.4950, -11.0900,
-36.3911)

Have a look what the booklet for
YUV(206.4950, -11.0900, -36.3911)
contains.

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Color

**YUV(206.4950, -11.0900,
-36.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E8B8
RGB	165, 232, 184
RGB Percent	65%, 91%, 72%
CMY	0.3529, 0.0902, 0.2784
CMYK	0.29, 0.00, 0.21, 0.09
HSL	137°, 59%, 78%
HSV	137°, 29%, 91%
XYZ	53.0254, 69.1732, 55.9044
YIQ	206.4950, -24.5240, -29.1320

Conversions

Conversions Part 2

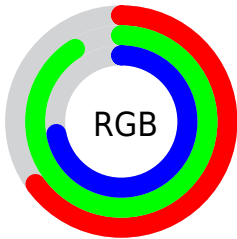
Format	Color
RYB	165, 217, 232
Decimal	10873016
CIELab	86.59, -30.59, 16.73
CIELCh	87, 34.864, 151.324
Yxy	69.1732, 0.2977, 0.3884
Android (android.graphics.Color)	4289063096 (0xFFA5E8B8)
YUV	206.4950, -11.0900, -36.3911
Hunter-Lab	83.1705, -31.7455, 18.3665

Details

The YUV color **206.4950, -11.0900, -36.3911** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **190.5050, 11.0900, 36.3911**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1240, -1.5401, -19.4027**, and **151.4350, -10.0745, -35.4615** is the 20% darker color. If you saturate the color by 10%, you get **197.6800, -15.1252, -48.8314**, and if you desaturate by 10%, it is **215.3100, -7.0548, -23.9509**.

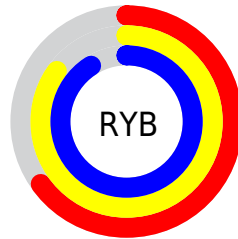
Distribution



Red (65%)

Green (91%)

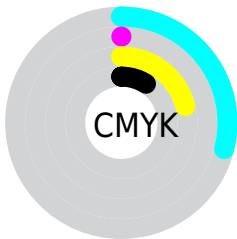
Blue (72%)



Red (65%)

Yellow (85%)

Blue (91%)

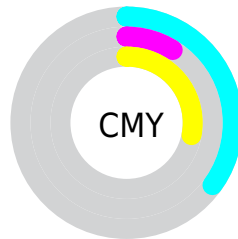


Cyan (29%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4950, -11.0900, -36.3911 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 206.4950, -11.0900, -36.3911 by changing the saturation by 10% instead.

■ 206.4950,
-11.0900, -36.3911

■ 206.4950,
-11.0900, -36.3911

255.0000, 0.0000,
0.0000

■ 178.9080,
-10.8006, -35.8763

■ 243.1240, -1.5401,
-19.4027

■ 151.4350,
-10.0745, -35.4615

■ 253.5050, 0.7370,
-3.0739

■ 124.9620, -9.3483,
-35.0467

■ 99.0760, -8.9115,
-35.1467

■ 74.0050, -7.8905,
-35.9614

■ 46.9550, -5.4008,
-41.1795

■ 31.0600, -7.9176,

-27.2396

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 206.4950,
-11.0900, -36.3911

■ 206.4950,
-11.0900, -36.3911

■ 197.6800,
-15.1252, -48.8314

■ 215.3100, -7.0548,
-23.9509

■ 188.9790,
-18.7236, -61.3716

■ 224.0110, -3.4564,
-11.4106

■ 179.8650,
-22.6114, -74.4266

■ 233.1250, 0.4314,
1.6444

■ 171.1640,
-26.2099, -86.9668

■ 240.9290, 4.4720,
12.3403

■ 162.3490,
-30.2451, -99.4071

■ 241.4990, 6.6560,
11.8404

■ 153.5340,
-34.2803, -111.8473

■ 144.8330,
-37.8787, -124.3875

■ 143.7080,
-38.3100, -126.0319

Harmonies

Analogous

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



210.8980, -25.5857, -6.9265



206.4950, -11.0900, -36.3911



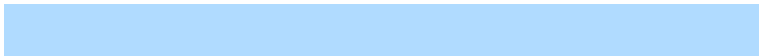
201.5530, 7.6154, -62.7520

Triad

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



206.4950, -11.0900, -36.3911



210.2470, 22.0632, -30.0346



211.6860, -13.6492, 37.9864

Complementary

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



206.4950, -11.0900, -36.3911



190.5050, 11.0900, 36.3911

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.



213.5730, 1.1965, 36.3315



206.4950, -11.0900, -36.3911



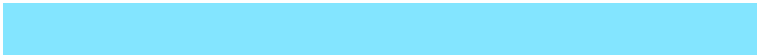
217.8430, 18.3184, 4.5227

Square

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



206.4950, -11.0900, -36.3911



202.6620, 25.8026, -62.8476



220.2700, 14.1639, 30.4582



214.2330, -26.7369, 35.7527

Rectangle

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



206.4950, -11.0900, -36.3911



199.3910, 20.0202, -74.8879



220.2700, 14.1639, 30.4582



211.6520, -8.7024, 38.0162

Sweetspot

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



206.4950, -11.0900, -36.3911



246.2990, -3.5984, -12.5402



218.6810, -26.4647, -4.9822



122.2610, -2.5937, -8.1219



0.0000, 0.0000, 0.0000



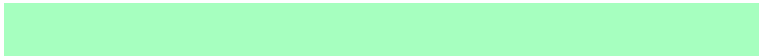
128.0000, 0.0000, 0.0000

Same Dimension

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



206.4950, -11.0900, -36.3911



221.0930, -14.8358, -48.3166



210.2570, 3.3243, -39.6904



110.5000, -1.7255, -6.5775



110.8870, -29.5243, -97.2479



31.5330, -8.6438, -27.6544

Inverse Universe

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



190.5050, 11.0900, 36.3911



199.9070, 14.8358, 48.3166



186.7430, -3.3243, 39.6904



107.5000, 1.7255, 6.5775



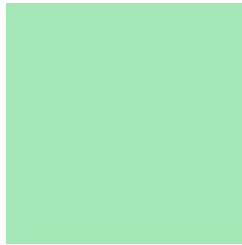
68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 206.4950, -11.0900, -36.3911 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 206.4950, -11.0900, -36.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

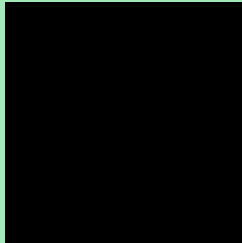
Any Text WCAG AA ✓ Pass

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 206.4950, -11.0900, -36.3911 Background



This preview shows how black text looks on a background with the YUV color 206.4950, -11.0900, -36.3911.



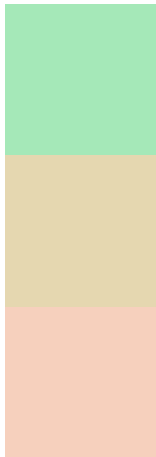
This preview shows how white text looks on a background with the YUV color 206.4950, -11.0900, -36.3911.

-36.3911.

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

206.4950, -11.0900, -36.3911

Protanopia

214.7400, -19.0988, 12.5060

Deuteranopia

217.1960, -13.9006, 25.2611



Tritanopia

211.7000, 14.9379, -31.3089

Trichromacy



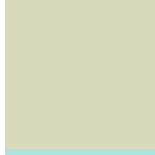
Original Color

206.4950, -11.0900, -36.3911



Protanomaly

211.7270, -16.1344, -5.0226



Deuteranomaly

213.5800, -13.1039, 2.9993



Tritanomaly

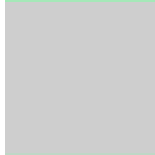
209.8710, 5.4866, -33.2129

Monochromacy



Original Color

206.4950, -11.0900, -36.3911



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.8860, -3.8878, -13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4950, -11.0900, -36.3911 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(165, 232, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 232, 184)  
}
```

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(165, 232, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 232, 184) }
```

Border

The CSS property to change the border of an element to YUV 206.4950, -11.0900, -36.3911 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(165, 232, 184) }
```


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

```
.border{ border-color:rgb(165, 232, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 232, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 232, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 232, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 232,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 206.4950, -11.0900, -36.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 232, 184) }
```

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

```
.background{ background-color: rgb(165,  
232, 184) }
```

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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