

Converting Colors

YUV(206.6310, -10.6641,
-33.0024)

Have a look what the booklet for
YUV(206.6310, -10.6641, -33.0024)
contains.

YUV(206.6310, -10.6641, -33.0024)	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(206.6310, -10.6641,
-33.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E6B9
RGB	169, 230, 185
RGB Percent	66%, 90%, 73%
CMY	0.3373, 0.0980, 0.2745
CMYK	0.27, 0.00, 0.20, 0.10
HSL	136°, 55%, 78%
HSV	136°, 27%, 90%
XYZ	53.4160, 68.5314, 56.3115
YIQ	206.6310, -21.9110, -26.9270

Conversions

Conversions Part 2

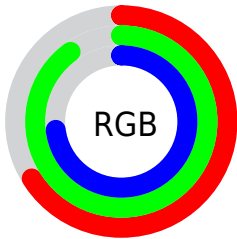
Format	Color
R _{YB}	169, 217, 230
Decimal	11134649
CIE Lab	86.27, -28.21, 15.79
CIE LCh	86, 32.328, 150.757
Yxy	68.5314, 0.2997, 0.3844
Android (android.graphics.Color)	4289324729 (0xFFA9E6B9)
YUV	206.6310, -10.6641, -33.0024
Hunter-Lab	82.7837, -29.6949, 17.6181

Details

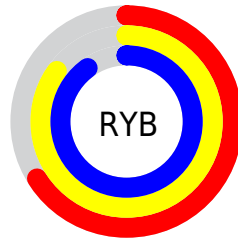
The YUV color **206.6310, -10.6641, -33.0024** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192.3690, 10.6641, 33.0024**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, -1.6930, -17.0436**, and **151.5710, -9.6485, -32.0728** is the 20% darker color. If you saturate the color by 10%, you get **197.8160, -14.6993, -45.4426**, and if you desaturate by 10%, it is **215.4460, -6.6289, -20.5621**.

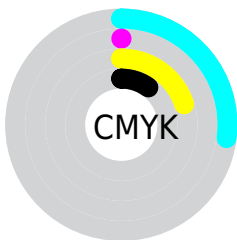
Distribution



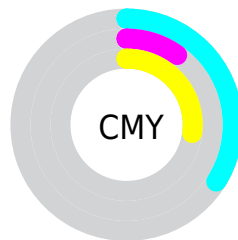
- Red (66%)
- Green (90%)
- Blue (73%)



- Red (66%)
- Yellow (85%)
- Blue (90%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (34%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6310, -10.6641, -33.0024 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 206.6310, -10.6641, -33.0024 by changing the saturation by 10% instead.

■ 206.6310,
-10.6641, -33.0024

■ 206.6310,
-10.6641, -33.0024

255.0000, 0.0000,
0.0000

■ 179.0440,
-10.3747, -32.4876

■ 244.4340, -1.6930,
-17.0436

■ 151.5710, -9.6485,
-32.0728

254.7010, 0.1474,
-0.6148

■ 125.3970, -9.0697,
-31.0432

■ 99.5110, -8.6329,
-31.1431

■ 74.7390, -7.7593,
-31.3431

■ 49.4720, -6.1487,
-34.6169

■ 30.5870, -7.1914,

-26.8248

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 206.6310,
-10.6641, -33.0024

■ 206.6310,
-10.6641, -33.0024

■ 197.8160,
-14.6993, -45.4426

■ 215.4460, -6.6289,
-20.5621

■ 189.0010,
-18.7345, -57.8829

■ 224.2610, -2.5937,
-8.1219

■ 180.1860,
-22.7697, -70.3231

■ 233.0760, 1.4415,
4.3183

■ 171.3710,
-26.8049, -82.7634

■ 240.0970, 6.3612,
13.0699

■ 162.5560,
-30.8401, -95.2036

■ 240.3250, 7.2348,
12.8700

■ 153.7410,
-34.8753, -107.6439

■ 144.9260,
-38.9105, -120.0841

■ 141.8500,
-40.3520, -124.4025

Harmonies

Analogous

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



210.4790, -23.4071, -5.6821



206.6310, -10.6641, -33.0024



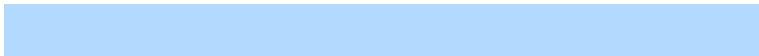
202.3580, 6.7255, -57.3190

Triad

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



206.6310, -10.6641, -33.0024



210.2580, 22.0578, -28.2903



212.5010, -13.0650, 37.2716

Complementary

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



206.6310, -10.6641, -33.0024



192.3690, 10.6641, 33.0024

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.



214.1600, 0.9071, 35.8167



206.6310, -10.6641, -33.0024



217.5440, 18.4658, 3.9079

Square

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



206.6310, -10.6641, -33.0024



203.8800, 25.2022, -56.8998



220.5150, 12.5641, 30.2433



214.5750, -25.4265, 35.4527

Rectangle

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



206.6310, -10.6641, -33.0024



200.7510, 17.3778, -67.3106



220.5150, 12.5641, 30.2433



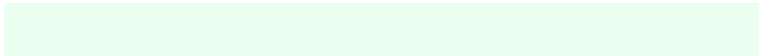
212.4670, -8.1182, 37.3014

Sweetspot

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



206.6310, -10.6641, -33.0024



247.3100, -3.6038, -10.7959



218.5610, -24.4336, -3.1230



122.9730, -2.4517, -6.9923



0.0000, 0.0000, 0.0000



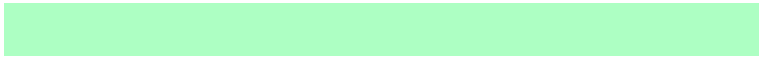
128.0000, 0.0000, 0.0000

Same Dimension

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



206.6310, -10.6641, -33.0024



223.6420, -14.1205, -44.4130



210.0510, 2.4399, -36.0017



110.3860, -2.1623, -6.4775



110.4310, -31.2715, -96.8480



31.4190, -9.0806, -27.5545

Inverse Universe

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



192.3690, 10.6641, 33.0024



204.4720, 14.5573, 44.3131



188.9490, -2.4399, 36.0017



107.6140, 2.1623, 6.4775



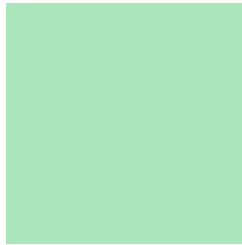
68.5690, 31.2715, 96.8480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 206.6310, -10.6641, -33.0024 looks on a white background.

Color Contrast Check

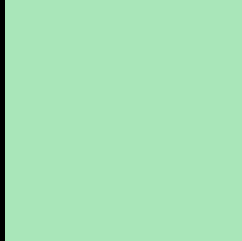
Large Text (above 18pt) WCAG AA × Fail

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 206.6310, -10.6641, -33.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

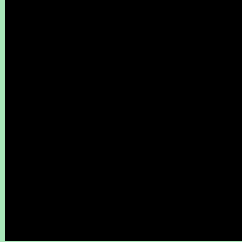
Any Text WCAG AA ✓ Pass

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 206.6310, -10.6641, -33.0024 Background



This preview shows how black text looks on a background with the YUV color 206.6310, -10.6641, -33.0024.



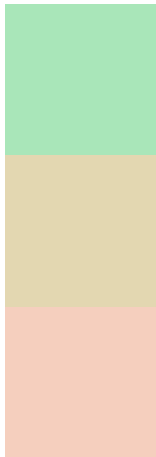
This preview shows how white text looks on a background with the YUV color 206.6310, -10.6641, -33.0024.

-33.0024.

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

206.6310, -10.6641, -33.0024

Protanopia

214.2560, -18.3672, 11.1765

Deuteranopia

216.4240, -13.0270, 25.0612



Tritanopia

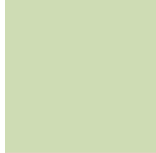
211.1950, 14.2009, -28.2350

Trichromacy



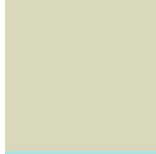
Original Color

206.6310, -10.6641, -33.0024



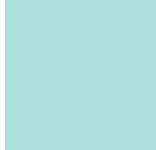
Protanomaly

211.2540, -15.4082, -4.6078



Deuteranomaly

212.5200, -12.0884, 3.9290



Tritanomaly

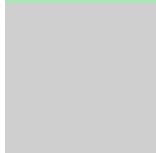
209.4800, 5.1864, -30.2390

Monochromacy



Original Color

206.6310, -10.6641, -33.0024



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.5980, -3.7458, -11.9254

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6310, -10.6641, -33.0024 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(169, 230, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 230, 185)  
}
```

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(169, 230, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 230, 185) }
```

Border

The CSS property to change the border of an element to YUV 206.6310, -10.6641, -33.0024 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(169, 230, 185) }
```


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

```
.border{ border-color:rgb(169, 230, 185) }
```

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

Here you see how a box with a 4 pixel rgb(169, 230, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 230, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 230, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 230,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 206.6310, -10.6641, -33.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 230, 185) }
```

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

```
.background{ background-color: rgb(169,  
230, 185) }
```

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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