

Converting Colors

YUV(218.1660, -2.0538,
-41.3646)

Have a look what the booklet for
YUV(218.1660, -2.0538, -41.3646)
contains.

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Color

**YUV(218.1660, -2.0538,
-41.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF3D6
RGB	171, 243, 214
RGB Percent	67%, 95%, 84%
CMY	0.3294, 0.0471, 0.1608
CMYK	0.30, 0.00, 0.12, 0.05
HSL	156°, 75%, 81%
HSV	156°, 30%, 95%
XYZ	60.9828, 77.6142, 75.3852
YIQ	218.1660, -33.6030, -24.2830

Conversions

Conversions Part 2

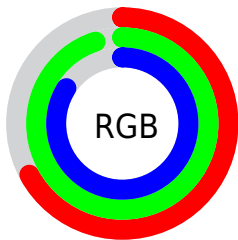
Format	Color
RYB	171, 216, 243
Decimal	11269078
CIELab	90.60, -28.25, 6.87
CIELCh	91, 29.074, 166.337
Yxy	77.6142, 0.2850, 0.3627
Android (android.graphics.Color)	4289459158 (0xFFABF3D6)
YUV	218.1660, -2.0538, -41.3646
Hunter-Lab	88.0989, -30.6139, 10.9354

Details

The YUV color **218.1660, -2.0538, -41.3646** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **195.8340, 2.0538, 41.3646**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **162.8780, -1.9119, -40.2350** is the 20% darker color. If you saturate the color by 10%, you get **209.8500, -2.8840, -55.1194**, and if you desaturate by 10%, it is **226.4820, -1.2236, -27.6097**.

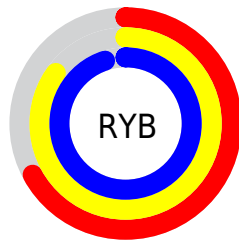
Distribution



Red (67%)

Green (95%)

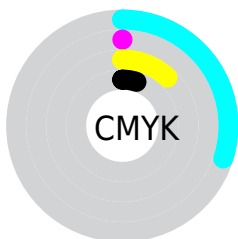
Blue (84%)



Red (67%)

Yellow (85%)

Blue (95%)

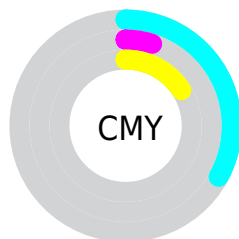


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1660, -2.0538, -41.3646 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 218.1660, -2.0538, -41.3646 by changing the saturation by 10% instead.

■ 218.1660, -2.0538,
-41.3646

■ 218.1660, -2.0538,
-41.3646

255.0000, 0.0000,
0.0000

■ 189.5790, -1.7644,
-40.8498

■ 246.9270, 3.9800,
-16.5990

■ 162.8780, -1.9119,
-40.2350

■ 135.4050, -1.1857,
-39.8202

■ 109.5190, -0.7489,
-39.9202

■ 83.4480, 0.2721,
-40.7349

■ 55.6750, 2.6252,
-48.8270

■ 39.0790, -0.0389,

-34.2723

■ 23.7710, -2.8451,
-20.8472

■ 2.3480, -1.1576,
-2.0592

■ 218.1660, -2.0538,
-41.3646

■ 218.1660, -2.0538,
-41.3646

■ 209.8500, -2.8840,
-55.1194

■ 226.4820, -1.2236,
-27.6097

■ 201.2350, -3.5669,
-69.4891

■ 235.0970, -0.5408,
-13.2401

■ 193.0330, -3.9603,
-83.3439

■ 243.2990, -0.1474,
0.6148

■ 184.7170, -4.7905,
-97.0988

■ 247.7280, 2.5991,
6.3775

■ 176.1020, -5.4733,
-111.4685

■ 247.9560, 3.4727,
6.1776

■ 167.7860, -6.3035,
-125.2233

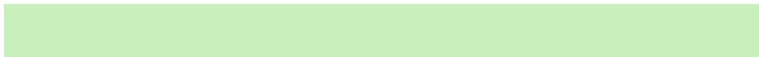
■ 159.4700, -7.1337,
-138.9782

■ 159.1710, -6.9863,
-139.5930

Harmonies

Analogous

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



221.9380, -16.2384, -18.3626



218.1660, -2.0538, -41.3646



216.0790, 13.2721, -57.0743

Triad

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



218.1660, -2.0538, -41.3646



225.7290, 14.4306, -8.5323



222.8220, -16.6742, 28.2201

Complementary

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



218.1660, -2.0538, -41.3646



195.8340, 2.0538, 41.3646

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.



222.7370, -4.3073, 28.2947



218.1660, -2.0538, -41.3646



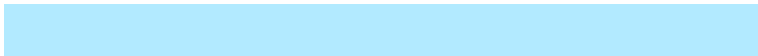
230.9110, 11.8759, 17.6181

Square

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



218.1660, -2.0538, -41.3646



219.6500, 17.4275, -36.5271



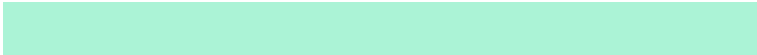
226.5160, 7.6336, 24.9805



226.5090, -25.3939, 24.9866

Rectangle

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



218.1660, -2.0538, -41.3646



215.6750, 19.3872, -58.4740



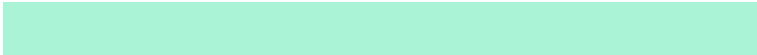
226.5160, 7.6336, 24.9805



222.4460, -13.0379, 28.5499

Sweetspot

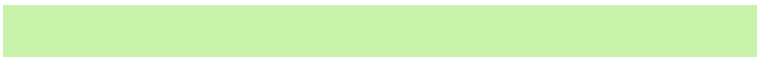
The Sweet Spot groups the original color and five complimentary colors.



218.1660, -2.0538, -41.3646



247.0970, -0.5408, -13.2401



222.2340, -25.2584, -18.6222



122.8310, -0.4097, -8.6218



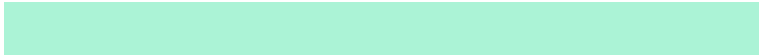
0.0000, 0.0000, 0.0000



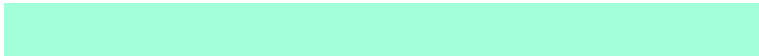
128.0000, 0.0000, 0.0000

Same Dimension

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



218.1660, -2.0538, -41.3646



223.2740, -2.6001, -52.8603



217.9500, 12.3497, -41.1751



117.8420, -0.4151, -6.8774



121.8360, -5.3421, -106.8502



38.6230, -1.7861, -33.8724

Inverse Universe

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



195.8340, 2.0538, 41.3646



194.7260, 2.6001, 52.8603



196.0500, -12.3496, 41.1752



114.1580, 0.4151, 6.8774



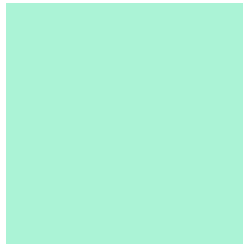
64.1640, 5.3421, 106.8502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 218.1660, -2.0538, -41.3646 looks on a white background.

Color Contrast Check

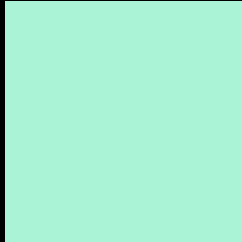
Large Text (above 18pt) WCAG AA × Fail

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 218.1660, -2.0538, -41.3646 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

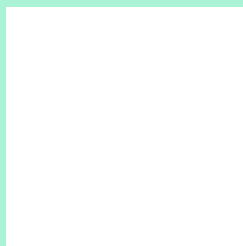
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.1660, -2.0538, -41.3646

Background



This preview shows how black text looks on a background with the YUV color 218.1660, -2.0538, -41.3646.



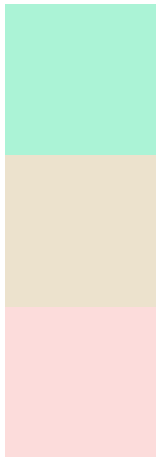
This preview shows how white text looks on a background with the YUV color 218.1660, -2.0538, -41.3646.

-41.3646.

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

218.1660, -2.0538, -41.3646

Protanopia

226.5960, -10.6468, 8.2473

Deuteranopia

229.4540, -5.1538, 19.7728



Tritanopia

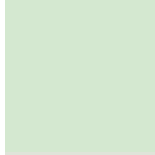
222.6070, 15.9697, -35.6123

Trichromacy



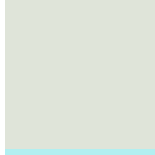
Original Color

218.1660, -2.0538, -41.3646



Protanomaly

223.2840, -7.5350, -9.8961



Deuteranomaly

225.2510, -4.0677, -1.9741



Tritanomaly

220.8750, 9.4286, -37.6014

Monochromacy



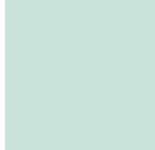
Original Color

218.1660, -2.0538, -41.3646



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.0860, -0.5354, -14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1660, -2.0538, -41.3646 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(171, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 243, 214)  
}
```

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(171, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 243, 214) }
```

Border

The CSS property to change the border of an element to YUV 218.1660, -2.0538, -41.3646 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(171, 243, 214) }
```


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

```
.border{ border-color:rgb(171, 243, 214) }
```

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

Here you see how a box with a 4 pixel rgb(171, 243, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 243,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 218.1660, -2.0538, -41.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 243, 214) }
```

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

```
.background{ background-color: rgb(171,  
243, 214) }
```

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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