

Converting Colors

YUV(218.8660, 3.0241,
-36.7165)

Have a look what the booklet for
YUV(218.8660, 3.0241, -36.7165)
contains.

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Color

**YUV(218.8660, 3.0241,
-36.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EFE1
RGB	177, 239, 225
RGB Percent	69%, 94%, 88%
CMY	0.3059, 0.0627, 0.1176
CMYK	0.26, 0.00, 0.06, 0.06
HSL	166°, 66%, 82%
HSV	166°, 26%, 94%
XYZ	62.5886, 76.5164, 82.7045
YIQ	218.8660, -32.4580, -17.4980

Conversions

Conversions Part 2

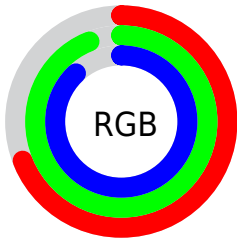
Format	Color
RYB	177, 212, 239
Decimal	11661281
CIELab	90.10, -22.32, 0.45
CIELCh	90, 22.326, 178.854
Yxy	76.5164, 0.2822, 0.3450
Android (android.graphics.Color)	4289851361 (0xFFB1EFE1)
YUV	218.8660, 3.0241, -36.7165
Hunter-Lab	87.4736, -25.3597, 5.1741

Details

The YUV color **218.8660, 3.0241, -36.7165** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.1340, -3.0241, 36.7165**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **163.5780, 3.1660, -35.5869** is the 20% darker color. If you saturate the color by 10%, you get **211.1200, 4.3778, -50.9712**, and if you desaturate by 10%, it is **226.6120, 1.6703, -22.4617**.

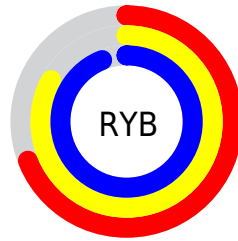
Distribution



Red (69%)

Green (94%)

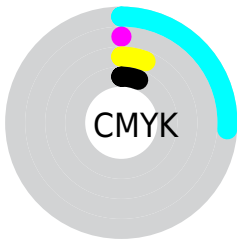
Blue (88%)



Red (69%)

Yellow (83%)

Blue (94%)

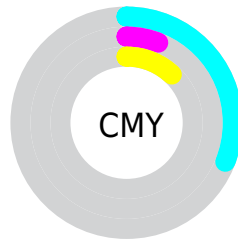


Cyan (26%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (31%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8660, 3.0241, -36.7165 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 218.8660, 3.0241, -36.7165 by changing the saturation by 10% instead.

■ 218.8660, 3.0241,
-36.7165

■ 218.8660, 3.0241,
-36.7165

255.0000, 0.0000,
0.0000

■ 191.1650, 2.8767,
-36.1017

■ 248.7210, 3.0955,
-12.9103

■ 163.5780, 3.1660,
-35.5869

■ 136.5780, 3.1660,
-35.5869

■ 110.9910, 3.4554,
-35.0721

■ 85.1050, 3.8922,
-35.1721

■ 59.7240, 5.0661,
-38.3459

■ 38.8170, 4.0342,

-34.0425

■ 23.6230, 1.6649,
-20.7174

■ 0.5870, -0.2894,
-0.5148

■ 218.8660, 3.0241,
-36.7165

■ 218.8660, 3.0241,
-36.7165

■ 211.1200, 4.3778,
-50.9712

■ 226.6120, 1.6703,
-22.4617

■ 203.2600, 5.2948,
-65.1260

■ 234.4720, 0.7533,
-8.3069

■ 195.5140, 6.6486,
-79.3808

■ 242.2180, -0.6005,
5.9478

■ 187.6540, 7.5656,
-93.5356

■ 244.6960, 1.1359,
9.0366

■ 179.9080, 8.9194,
-107.7903

■ 245.2660, 3.3199,
8.5367

■ 172.4610, 10.1257,
-121.4303

■ 245.6080, 4.6303,
8.2368

■ 164.6010, 11.0427,
-135.5851

■ 161.3830, 11.6432,
-141.5329

Harmonies

Analogous

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



221.2780, -8.5181, -21.2918



218.8660, 3.0241, -36.7165



218.2810, 13.6655, -43.2194

Triad

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



218.8660, 3.0241, -36.7165



227.5670, 13.5245, 2.1337



225.9850, -17.2476, 25.4462

Complementary

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



218.8660, 3.0241, -36.7165



197.1340, -3.0241, 36.7165

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.



224.8740, -8.8119, 26.4205



218.8660, 3.0241, -36.7165



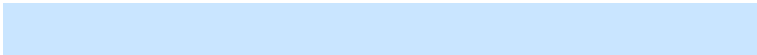
230.5370, 9.1023, 20.5771

Square

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



218.8660, 3.0241, -36.7165



223.5920, 15.4841, -19.8132



226.6810, 0.6503, 24.8358



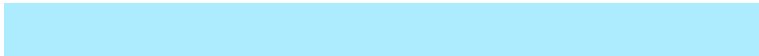
226.0070, -20.7095, 15.7799

Rectangle

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



218.8660, 3.0241, -36.7165



219.3290, 17.5858, -40.6305



226.6810, 0.6503, 24.8358



225.2670, -14.9216, 26.0758

Sweetspot

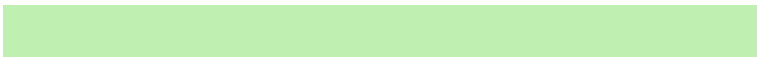
The Sweet Spot groups the original color and five complimentary colors.



218.8660, 3.0241, -36.7165



248.4500, 0.7642, -11.7956



217.5800, -20.0059, -23.3107



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



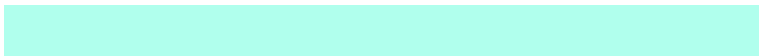
128.0000, 0.0000, 0.0000

Same Dimension

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



218.8660, 3.0241, -36.7165



229.3270, 3.7828, -46.7678



210.4830, 14.0589, -29.3646



116.0700, 0.4585, -7.0774



124.1960, 8.7774, -108.9199



37.7740, 2.5764, -33.1278

Inverse Universe

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



197.1340, -3.0241, 36.7165



201.6730, -3.7828, 46.7678



205.5170, -14.0589, 29.3646



111.9300, -0.4585, 7.0774



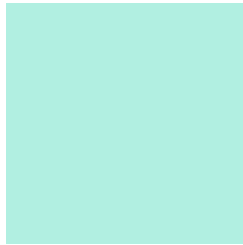
59.6900, -9.2142, 109.0199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 218.8660, 3.0241, -36.7165 looks on a white background.

Color Contrast Check

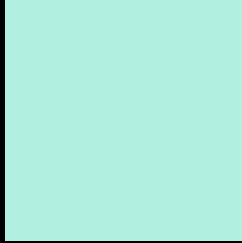
Large Text (above 18pt) WCAG AA × Fail

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 218.8660, 3.0241, -36.7165 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

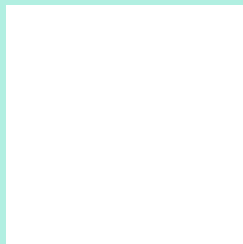
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.8660, 3.0241, -36.7165

Background



This preview shows how black text looks on a background with the YUV color 218.8660, 3.0241, -36.7165.



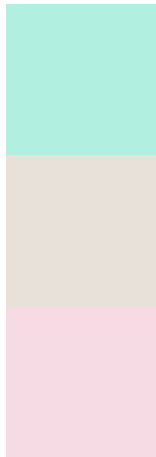
This preview shows how white text looks on a background with the YUV color 218.8660, 3.0241, -36.7165.

-36.7165.

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

218.8660, 3.0241, -36.7165

Protanopia

226.1810, -4.5262, 5.1033

Deuteranopia

228.2130, 0.3880, 15.5992



Tritanopia

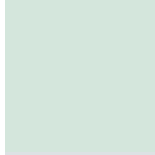
221.6180, 15.9643, -33.8680

Trichromacy



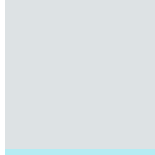
Original Color

218.8660, 3.0241, -36.7165



Protanomaly

223.4780, -1.7147, -10.0662



Deuteranomaly

224.7330, 1.6106, -3.2738



Tritanomaly

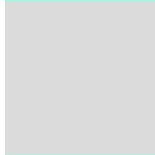
220.3530, 11.1650, -34.5126

Monochromacy



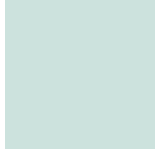
Original Color

218.8660, 3.0241, -36.7165



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8520, 1.0590, -13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8660, 3.0241, -36.7165 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(177, 239, 225)` looks like.

```
.text, #text, p{  
    color:rgb(177, 239, 225)  
}
```

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(177, 239, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 239, 225) }
```

Border

The CSS property to change the border of an element to YUV 218.8660, 3.0241, -36.7165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

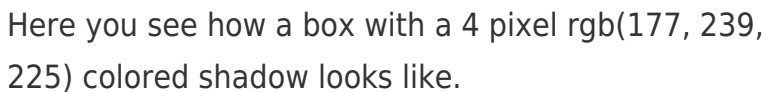
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 239, 225) }
```


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

```
.border{ border-color:rgb(177, 239, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 239, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 239, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 239, 225); box-shadow:4px 4px 4px 4px rgb(177, 239, 225) }
```

Background

The CSS property to change the background color of an element to YUV 218.8660, 3.0241, -36.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 239, 225) }
```

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

```
.background{ background-color: rgb(177,  
239, 225) }
```

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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