

Converting Colors

YUV(211.9120, 13.3544,
-36.7568)

Have a look what the booklet for
YUV(211.9120, 13.3544, -36.7568)
contains.

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Color

**YUV(211.9120, 13.3544,
-36.7568)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AAE4EF |
| RGB | 170, 228, 239 |
| RGB Percent | 67%, 89%, 94% |
| CMY | 0.3333, 0.1059, 0.0627 |
| CMYK | 0.29, 0.05, 0.00, 0.06 |
| HSL | 190°, 68%, 80% |
| HSV | 190°, 29%, 94% |
| XYZ | 59.9010, 70.2648, 92.0667 |
| YIQ | 211.9120, -38.0990, -8.8750 |

Conversions

Conversions Part 2

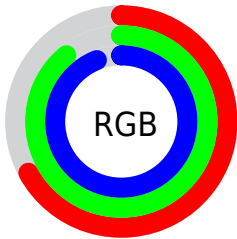
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 170, 202, 239 |
| Decimal | 11199727 |
| CIE Lab | 87.13, -15.83, -11.32 |
| CIE LCh | 87, 19.460, 215.566 |
| Yxy | 70.2648, 0.2695, 0.3162 |
| Android (android.graphics.Color) | 4289389807 (0xFFAAE4EF) |
| YUV | 211.9120, 13.3544, -36.7568 |
| Hunter-Lab | 83.8241, -19.1356, -6.4432 |

Details

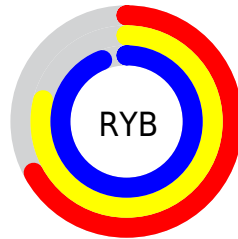
The YUV color $211.9120, 13.3544, -36.7568$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.0880, -13.3544, 36.7568$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6280, 4.1274, -17.2138$, and $157.0970, 12.7702, -36.0421$ is the 20% darker color. If you saturate the color by 10%, you get $202.3880, 18.0497, -49.4523$, and if you desaturate by 10%, it is $221.4360, 8.6591, -24.0614$.

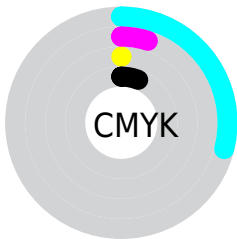
Distribution



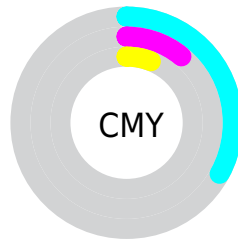
- Red (67%)
- Green (89%)
- Blue (94%)



- Red (67%)
- Yellow (79%)
- Blue (94%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.9120, 13.3544, -36.7568 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 211.9120, 13.3544, -36.7568 by changing the saturation by 10% instead.

■ 211.9120, 13.3544,
-36.7568

■ 211.9120, 13.3544,
-36.7568

255.0000, 0.0000,
0.0000

■ 183.9120, 13.3544,
-36.7568

■ 246.6280, 4.1274,
-17.2138

■ 157.0970, 12.7702,
-36.0421

■ 130.0970, 12.7702,
-36.0421

■ 104.0970, 12.7702,
-36.0421

■ 78.2000, 13.2124,
-37.8864

■ 50.9110, 14.8339,
-44.6489

■ 35.3750, 11.1541,

-31.0239

■ 21.1270, 7.3324,
-18.5284

■ 2.2970, 6.2626,
-2.0145

■ 211.9120, 13.3544,
-36.7568

■ 211.9120, 13.3544,
-36.7568

■ 202.3880, 18.0497,
-49.4523

■ 221.4360, 8.6591,
-24.0614

■ 192.8640, 22.7450,
-62.1477

■ 230.9600, 3.9637,
-11.3659

■ 183.9270, 27.1510,
-75.3580

■ 239.8970, -0.4422,
1.8443

■ 174.4030, 31.8463,
-88.0534

■ 246.1320, -3.5161,
7.7772

■ 164.8790, 36.5417,
-100.7489

■ 248.4800, -4.6736,
5.7180

■ 155.6540, 41.0896,
-112.8296

■ 250.8280, -5.8312,
3.6588

■ 146.1300, 45.7849,
-125.5250

■ 253.1760, -6.9888,
1.5996

■ 145.2330, 46.2271,
-127.3693

Harmonies

Analogous

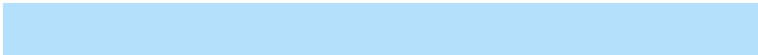
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.3440, 4.7604, -33.6277



211.9120, 13.3544, -36.7568



214.2210, 18.1320, -29.1348

Triad

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



211.9120, 13.3544, -36.7568



221.7390, 6.0447, 21.2769



217.1850, -17.3462, 10.3618

Complementary

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



211.9120, 13.3544, -36.7568



197.0880, -13.3544, 36.7568

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.



219.0880, -16.8054, 23.6018



211.9120, 13.3544, -36.7568



221.0900, -3.0024, 29.7391

Square

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



211.9120, 13.3544, -36.7568



220.2900, 13.6610, 5.0077



220.3260, -11.0067, 30.4091



215.4110, -13.5136, -5.6224

Rectangle

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



211.9120, 13.3544, -36.7568



216.8030, 18.8311, -19.9982



220.3260, -11.0067, 30.4091



218.1040, -17.7993, 15.6948

Sweetspot

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



211.9120, 13.3544, -36.7568



245.7750, 4.5479, -12.0807



211.6430, -15.6000, -36.5209



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



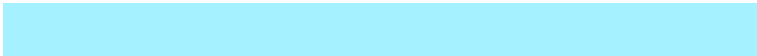
128.0000, 0.0000, 0.0000

Same Dimension

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



211.9120, 13.3544, -36.7568



220.1710, 17.1707, -47.5080



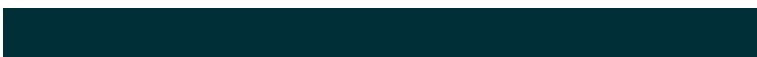
191.9540, 23.1937, -19.2537



115.2380, 2.3477, -6.3477



111.3740, 35.8046, -97.6750



33.9730, 10.8593, -29.7943

Inverse Universe

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



197.2430, 15.1632, 36.6209



201.1610, 19.6406, 47.2168



217.0460, -23.1937, 19.2537



112.7280, 2.5991, 6.3775



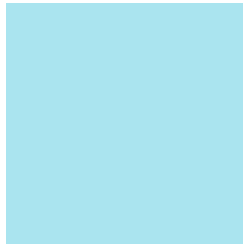
72.5720, 40.1440, 97.7224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 211.9120, 13.3544, -36.7568 looks on a white background.

Color Contrast Check

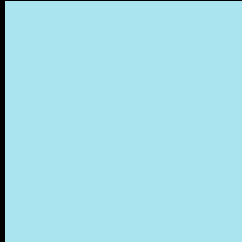
Large Text (above 18pt) WCAG AA × Fail

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 211.9120, 13.3544, -36.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

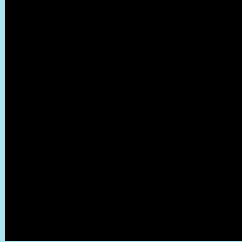
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.9120, 13.3544, -36.7568

Background



This preview shows how black text looks on a background with the YUV color 211.9120, 13.3544, -36.7568.



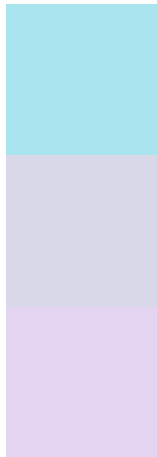
This preview shows how white text looks on a background with the YUV color 211.9120, 13.3544, -36.7568.

-36.7568.

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

211.9120, 13.3544, -36.7568

Protanopia

218.1230, 6.8414, -0.9849

Deuteranopia

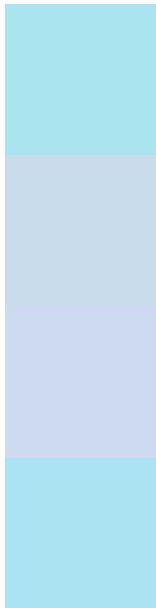
219.9050, 10.8928, 6.2223



Tritanopia

212.3080, 16.1172, -36.2271

Trichromacy



Original Color

211.9120, 13.3544, -36.7568

Protanomaly

215.7300, 9.5001, -13.7952

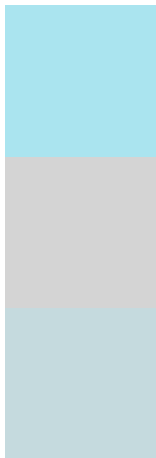
Deuteranomaly

217.0340, 11.8152, -9.6768

Tritanomaly

212.0800, 15.2436, -36.0272

Monochromacy



Original Color

211.9120, 13.3544, -36.7568

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1770, 4.8427, -13.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.9120, 13.3544, -36.7568 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(170, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(170, 228, 239)  
}
```

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(170, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 228, 239) }
```

Border

The CSS property to change the border of an element to YUV 211.9120, 13.3544, -36.7568 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(170, 228, 239) }
```


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

```
.border{ border-color:rgb(170, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(170, 228,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 211.9120, 13.3544, -36.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 228, 239) }
```

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

```
.background{ background-color: rgb(170,  
228, 239) }
```

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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