

Converting Colors

YUV(215.8070, 19.3221,
-37.5417)

Have a look what the booklet for
YUV(215.8070, 19.3221, -37.5417)
contains.

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Color

**YUV(215.8070, 19.3221,
-37.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE6FF
RGB	173, 230, 255
RGB Percent	68%, 90%, 100%
CMY	0.3216, 0.0980, 0.0000
CMYK	0.32, 0.10, 0.00, 0.00
HSL	198°, 100%, 84%
HSV	198°, 32%, 100%
XYZ	63.5804, 72.6979, 105.2888
YIQ	215.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

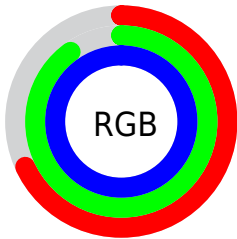
Format	Color
R_{YB}	173, 207, 255
Decimal	11396863
CIE _{Lab}	88.30, -12.30, -17.94
CIE _{LCh}	88, 21.752, 235.570
Yxy	72.6979, 0.2632, 0.3009
Android (android.graphics.Color)	4289586943 (0xFFADE6FF)
YUV	215.8070, 19.3221, -37.5417
Hunter-Lab	85.2630, -16.1034, -13.5313

Details

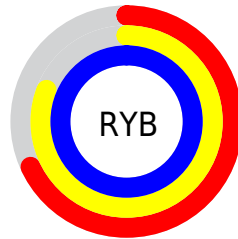
The YUV color **215.8070, 19.3221, -37.5417** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **212.1930, -19.3221, 37.5417**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, 3.6852, -15.3694**, and **159.9920, 18.7379, -36.8270** is the 20% darker color. If you saturate the color by 10%, you get **203.3370, 25.4699, -49.4075**, and if you desaturate by 10%, it is **228.2770, 13.1744, -25.6759**.

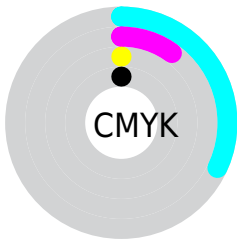
Distribution



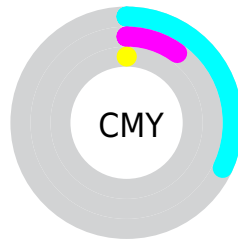
- Red (68%)
- Green (90%)
- Blue (100%)



- Red (68%)
- Yellow (81%)
- Blue (100%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8070, 19.3221, -37.5417 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 215.8070, 19.3221, -37.5417 by changing the saturation by 10% instead.

■ 215.8070, 19.3221,
-37.5417

■ 215.8070, 19.3221,
-37.5417

255.0000, 0.0000,
0.0000

■ 187.6930, 18.8854,
-37.4418

■ 247.5250, 3.6852,
-15.3694

■ 159.9920, 18.7379,
-36.8270

■ 133.5790, 18.4486,
-37.3418

■ 107.1660, 18.1592,
-37.8566

■ 80.9700, 18.7488,
-40.3157

■ 53.5670, 19.9335,
-46.9783

■ 37.9170, 15.8169,

-33.2532

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,
-3.2142

■ 215.8070, 19.3221,
-37.5417

■ 215.8070, 19.3221,
-37.5417

■ 203.3370, 25.4699,
-49.4075

■ 228.2770, 13.1744,
-25.6759

■ 191.1660, 31.4702,
-60.6586

■ 240.4480, 7.1741,
-14.4249

■ 179.5820, 37.1811,
-72.4244

■ 252.3310, 1.3158,
-2.0443

■ 167.1120, 43.3288,
-84.2902

■ 255.0000, 0.0000,
0.0000

■ 154.9410, 49.3291,
-95.5413

■ 142.4710, 55.4768,
-107.4071

■ 132.9690, 60.1613,
-116.6138

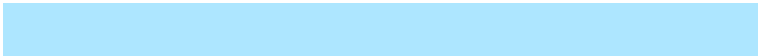
Harmonies

Analogous

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



213.6510, 12.4971, -41.7899



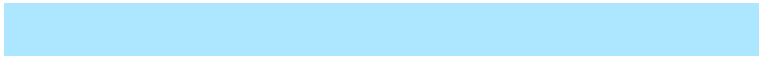
215.8070, 19.3221, -37.5417



218.5640, 17.9629, -21.5426

Triad

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



215.8070, 19.3221, -37.5417



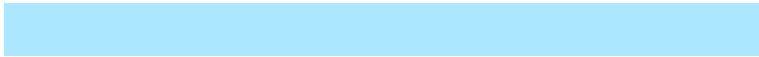
223.4040, 0.7868, 27.7097



219.1190, -17.3137, -0.1044

Complementary

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



215.8070, 19.3221, -37.5417



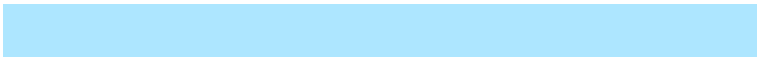
212.1930, -19.3221, 37.5417

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.



221.2460, -19.8413, 17.3243



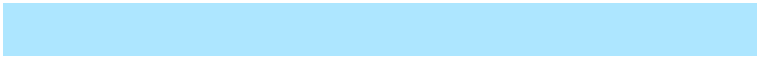
215.8070, 19.3221, -37.5417



221.7110, -8.2385, 29.1945

Square

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



215.8070, 19.3221, -37.5417



225.3410, 9.6919, 18.1179



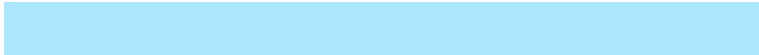
222.1210, -16.8217, 28.8349



216.4740, -9.1077, -18.8327

Rectangle

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



215.8070, 19.3221, -37.5417



221.5980, 16.4672, -8.4174



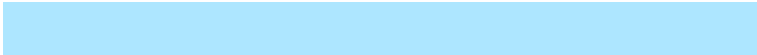
222.1210, -16.8217, 28.8349



219.8100, -18.6403, 5.4286

Sweetspot

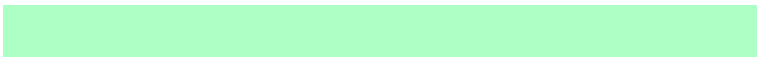
The Sweet Spot groups the original color and five complimentary colors.



215.8070, 19.3221, -37.5417



242.8290, 6.0003, -11.2510



223.9840, -12.8101, -44.7130



120.2810, 3.8055, -7.2624



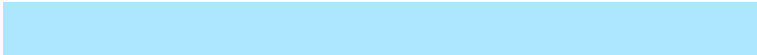
0.0000, 0.0000, 0.0000



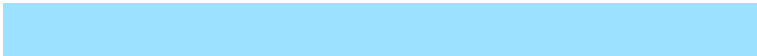
128.0000, 0.0000, 0.0000

Same Dimension

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



215.8070, 19.3221, -37.5417



207.7890, 23.2750, -45.4190



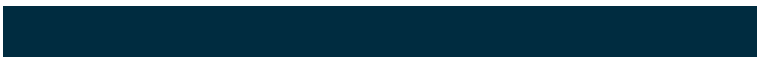
191.7400, 31.1872, -16.4350



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Inverse Universe

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



204.0160, 12.8101, 44.7130



193.4670, 15.5458, 53.9644



236.2600, -31.1872, 16.4350



119.9130, 2.0149, 7.0923



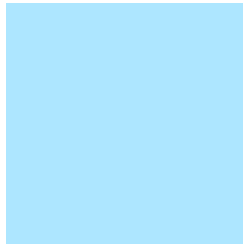
72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 215.8070, 19.3221, -37.5417 looks on a white background.

Color Contrast Check

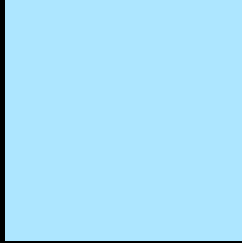
Large Text (above 18pt) WCAG AA × Fail

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 215.8070, 19.3221, -37.5417 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 215.8070, 19.3221, -37.5417

Background



This preview shows how black text looks on a background with the YUV color 215.8070, 19.3221, -37.5417.

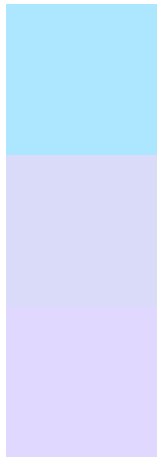


This preview shows how white text looks on a background with the YUV color 215.8070, 19.3221, -37.5417.

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

215.8070, 19.3221, -37.5417

Protanopia

221.7080, 12.9620, -4.1289

Deuteranopia

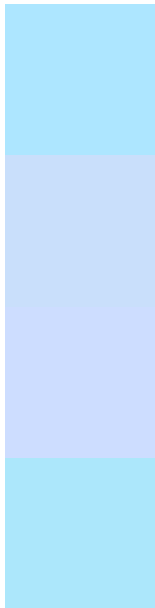
222.8380, 15.8559, 1.0191



Tritanopia

215.4110, 16.5594, -38.0714

Trichromacy



Original Color

215.8070, 19.3221, -37.5417

Protanomaly

219.6140, 15.4733, -16.3245

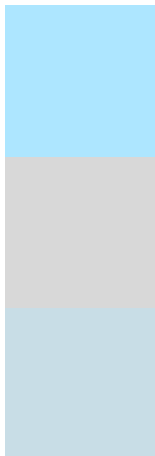
Deuteranomaly

220.0920, 17.2096, -13.2357

Tritanomaly

215.6390, 17.4330, -38.2714

Monochromacy



Original Color

215.8070, 19.3221, -37.5417

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7470, 7.0267, -13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8070, 19.3221, -37.5417 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(173, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 255)  
}
```

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(173, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 255) }
```

Border

The CSS property to change the border of an element to YUV 215.8070, 19.3221, -37.5417 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(173, 230, 255) }
```


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

```
.border{ border-color:rgb(173, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 215.8070, 19.3221, -37.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 255) }
```

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

```
.background{ background-color: rgb(173,  
230, 255) }
```

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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