

Converting Colors

YUV(214.8350, 16.8433,
-35.8123)

Have a look what the booklet for
YUV(214.8350, 16.8433, -35.8123)
contains.

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Color

**YUV(214.8350, 16.8433,
-35.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE5F9
RGB	174, 229, 249
RGB Percent	68%, 90%, 98%
CMY	0.3176, 0.1020, 0.0235
CMYK	0.30, 0.08, 0.00, 0.02
HSL	196°, 86%, 83%
HSV	196°, 30%, 98%
XYZ	62.5738, 71.8768, 100.1982
YIQ	214.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

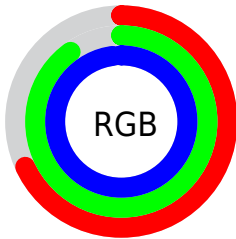
Format	Color
RYB	174, 206, 249
Decimal	11462137
CIELab	87.91, -12.92, -15.38
CIElCh	88, 20.087, 229.970
Yxy	71.8768, 0.2667, 0.3063
Android (android.graphics.Color)	4289652217 (0xFFAAEE5F9)
YUV	214.8350, 16.8433, -35.8123
Hunter-Lab	84.7802, -16.6198, -10.7262

Details

The YUV color $214.8350, 16.8433, -35.8123$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.1650, -16.8433, 35.8123$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $159.7210, 16.4065, -35.7123$ is the 20% darker color. If you saturate the color by 10%, you get $203.2510, 22.5543, -47.5781$, and if you desaturate by 10%, it is $226.4190, 11.1324, -24.0465$.

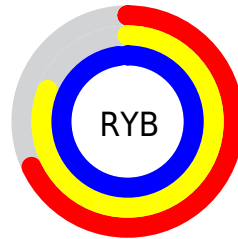
Distribution



Red (68%)

Green (90%)

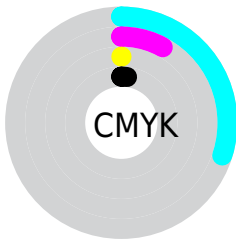
Blue (98%)



Red (68%)

Yellow (81%)

Blue (98%)

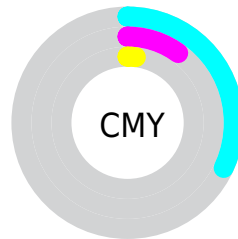


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (32%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8350, 16.8433, -35.8123 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 214.8350, 16.8433, -35.8123 by changing the saturation by 10% instead.

■ 214.8350, 16.8433,
-35.8123

■ 214.8350, 16.8433,
-35.8123

255.0000, 0.0000,
0.0000

■ 186.7210, 16.4065,
-35.7123

■ 247.8240, 3.5378,
-14.7546

■ 159.7210, 16.4065,
-35.7123

■ 132.9060, 15.8223,
-34.9976

■ 106.6070, 15.9697,
-35.6123

■ 81.0090, 16.2646,
-36.8419

■ 53.0080, 17.7441,
-44.7340

■ 36.8740, 14.3591,

-32.3385

■ 21.9250, 10.3900,
-19.2282

■ 3.2090, 9.7570,
-2.8143

■ 214.8350, 16.8433,
-35.8123

■ 214.8350, 16.8433,
-35.8123

■ 203.2510, 22.5543,
-47.5781

■ 226.4190, 11.1324,
-24.0465

■ 192.2540, 27.9758,
-59.8588

■ 237.4160, 5.7109,
-11.7658

■ 180.6700, 33.6867,
-71.6246

■ 249.0000, 0.0000,
0.0000

■ 169.0860, 39.3976,
-83.3904

■ 254.3160, -2.6208,
0.5999

■ 158.3880, 44.6717,
-95.0563

■ 146.8040, 50.3826,
-106.8221

■ 135.8070, 55.8041,
-119.1027

Harmonies

Analogous

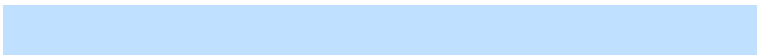
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.9890, 9.8654, -37.7014



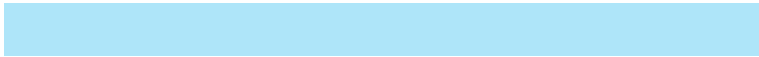
214.8350, 16.8433, -35.8123



217.6670, 18.4052, -23.3870

Triad

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



214.8350, 16.8433, -35.8123



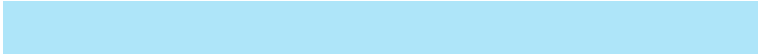
224.3330, 1.8078, 26.8950



218.2550, -16.8877, 3.2844

Complementary

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



214.8350, 16.8433, -35.8123



208.1650, -16.8433, 35.8123

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.



220.5990, -18.5363, 18.7687



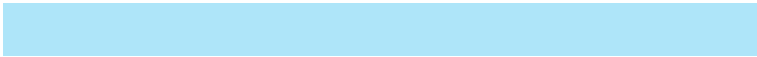
214.8350, 16.8433, -35.8123



222.0530, -6.9281, 28.8945

Square

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



214.8350, 16.8433, -35.8123



223.8350, 10.4343, 13.2997



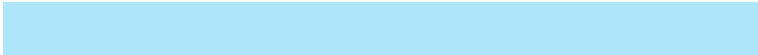
221.9900, -14.7851, 28.9498



215.8660, -10.2869, -13.9145

Rectangle

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



214.8350, 16.8433, -35.8123



220.1030, 17.2042, -11.4913



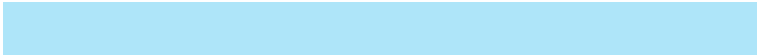
221.9900, -14.7851, 28.9498



219.0600, -17.7776, 8.7174

Sweetspot

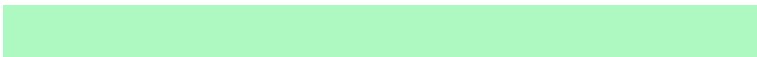
The Sweet Spot groups the original color and five complimentary colors.



214.8350, 16.8433, -35.8123



244.6010, 5.1267, -11.0511



220.3050, -12.9684, -40.6095



121.1670, 3.3687, -7.1625



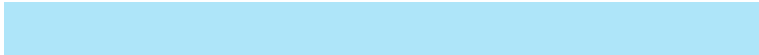
0.0000, 0.0000, 0.0000



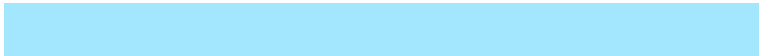
128.0000, 0.0000, 0.0000

Same Dimension

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



214.8350, 16.8433, -35.8123



213.4040, 20.5068, -44.2043



193.1160, 27.5508, -16.7647



119.3520, 2.7845, -6.4477



102.5520, 42.6189, -89.9381



33.3690, 13.6221, -29.2646

Inverse Universe

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



202.6950, 12.9684, 40.6095



198.2600, 16.1408, 49.7610



230.4710, -27.8402, 16.2499



117.0270, 2.4517, 6.9923



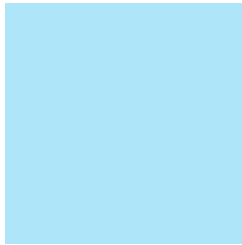
72.2430, 32.4182, 102.3959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 214.8350, 16.8433, -35.8123 looks on a white background.

Color Contrast Check

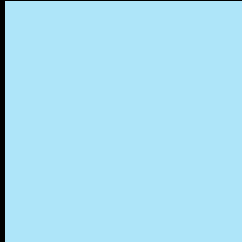
Large Text (above 18pt) WCAG AA × Fail

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 214.8350, 16.8433, -35.8123 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 214.8350, 16.8433, -35.8123

Background



This preview shows how black text looks on a background with the YUV color 214.8350, 16.8433, -35.8123.



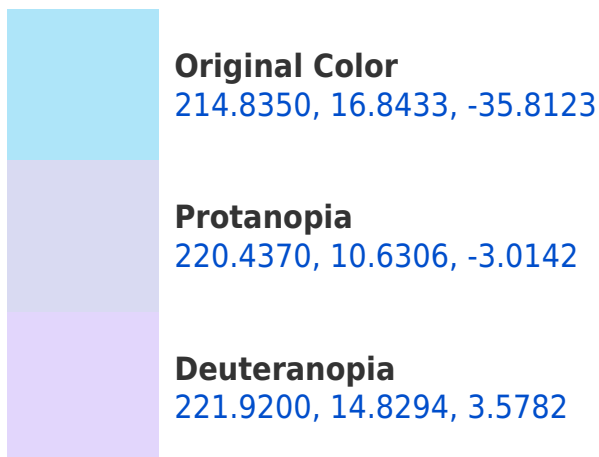
This preview shows how white text looks on a background with the YUV color 214.8350, 16.8433, -35.8123.

-35.8123.

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

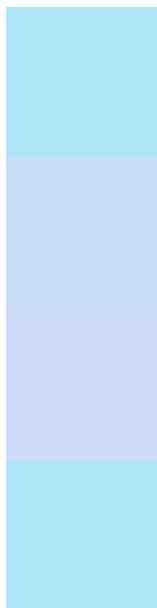




Tritanopia

214.7210, 16.4065, -35.7123

Trichromacy



Original Color

214.8350, 16.8433, -35.8123

Protanomaly

218.3430, 13.1419, -15.2098

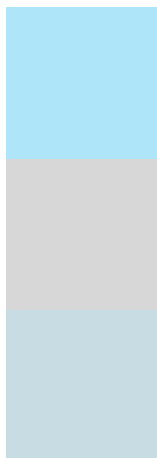
Deuteranomaly

219.0600, 15.7464, -10.5766

Tritanomaly

214.7210, 16.4065, -35.7123

Monochromacy



Original Color

214.8350, 16.8433, -35.8123

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8350, 16.8433, -35.8123 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(174, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(174, 229, 249)  
}
```

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(174, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 229, 249) }
```

Border

The CSS property to change the border of an element to YUV 214.8350, 16.8433, -35.8123 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(174, 229, 249) }
```


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

```
.border{ border-color:rgb(174, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(174, 229,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 214.8350, 16.8433, -35.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 229, 249) }
```

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

```
.background{ background-color: rgb(174,  
229, 249) }
```

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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