

Converting Colors

YUV(214.9120, 16.8054,
-23.6018)

Have a look what the booklet for
YUV(214.9120, 16.8054, -23.6018)
contains.

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Color

**YUV(214.9120, 16.8054,
-23.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDEF9
RGB	188, 222, 249
RGB Percent	74%, 87%, 98%
CMY	0.2627, 0.1294, 0.0235
CMYK	0.24, 0.11, 0.00, 0.02
HSL	207°, 84%, 86%
HSV	207°, 24%, 98%
XYZ	63.9592, 69.7735, 99.7191
YIQ	214.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

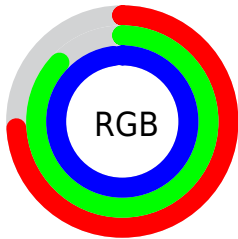
Format	Color
R _Y B	188, 210, 249
Decimal	12377849
CIE Lab	86.89, -5.32, -16.83
CIE LCh	87, 17.656, 252.461
Yxy	69.7735, 0.2740, 0.2989
Android (android.graphics.Color)	4290567929 (0xFFBCDEF9)
YUV	214.9120, 16.8054, -23.6018
Hunter-Lab	83.5305, -9.5012, -12.3093

Details

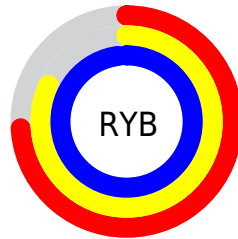
The YUV color **214.9120, 16.8054, -23.6018** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **222.0880, -16.8054, 23.6018**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0100, 1.4741, -6.1478**, and **160.0970, 16.2212, -22.8871** is the 20% darker color. If you saturate the color by 10%, you get **200.9800, 23.6739, -33.3085**, and if you desaturate by 10%, it is **228.8440, 9.9369, -13.8952**.

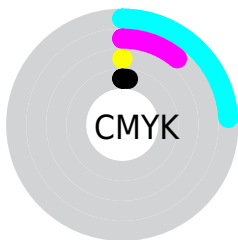
Distribution



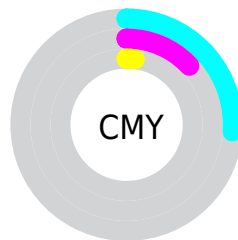
- Red (74%)
- Green (87%)
- Blue (98%)



- Red (74%)
- Yellow (82%)
- Blue (98%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.9120, 16.8054, -23.6018 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 214.9120, 16.8054, -23.6018 by changing the saturation by 10% instead.

■ 214.9120, 16.8054,
-23.6018

■ 214.9120, 16.8054,
-23.6018

255.0000, 0.0000,
0.0000

■ 186.7980, 16.3686,
-23.5018

■ 252.0100, 1.4741,
-6.1478

■ 160.0970, 16.2212,
-22.8871

■ 133.5700, 15.4950,
-23.3019

■ 107.8690, 15.3476,
-22.6871

■ 83.3420, 14.6214,
-23.1019

■ 59.0430, 14.7688,
-23.7167

■ 34.4230, 15.0745,

-28.4350

■ 19.5770, 11.5475,
-17.1690

■ 3.2090, 9.7570,
-2.8143

■ 214.9120, 16.8054,
-23.6018

■ 214.9120, 16.8054,
-23.6018

■ 200.9800, 23.6739,
-33.3085

■ 228.8440, 9.9369,
-13.8952

■ 187.0480, 30.5423,
-43.0151

■ 242.7760, 3.0684,
-4.1886

■ 173.1160, 37.4108,
-52.7217

■ 254.3160, -2.6208,
0.5999

■ 159.1840, 44.2793,
-62.4284

■ 145.5510, 51.0004,
-71.5202

■ 131.6190, 57.8688,
-81.2269

■ 117.6870, 64.7373,
-90.9335

■ 109.9790, 68.5374,
-96.4516

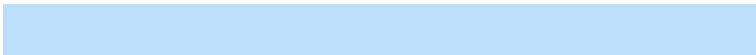
Harmonies

Analogous

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



212.6460, 13.4855, -32.1385



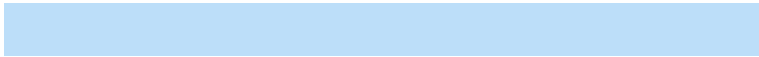
214.9120, 16.8054, -23.6018



218.0710, 15.7410, -8.8323

Triad

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



214.9120, 16.8054, -23.6018



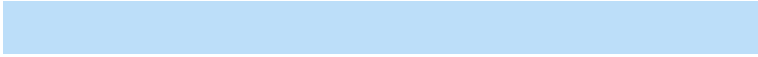
220.6230, -4.7441, 28.3946



214.4860, -10.5926, -9.1962

Complementary

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



214.9120, 16.8054, -23.6018



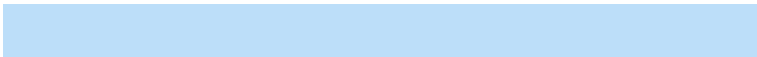
222.0880, -16.8054, 23.6018

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.



216.6190, -15.5882, 6.4731



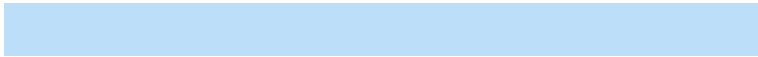
214.9120, 16.8054, -23.6018



219.4890, -11.5801, 27.6351

Square

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



214.9120, 16.8054, -23.6018



220.7560, 3.5713, 21.2620



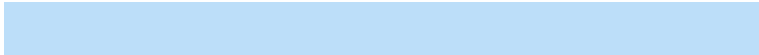
217.9950, -15.7735, 19.2984



212.7600, -2.8397, -22.5915

Rectangle

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



214.9120, 16.8054, -23.6018



219.7520, 12.9403, 2.8485



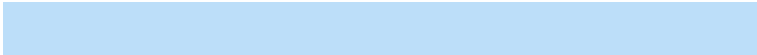
217.9950, -15.7735, 19.2984



214.9490, -12.7929, -3.4633

Sweetspot

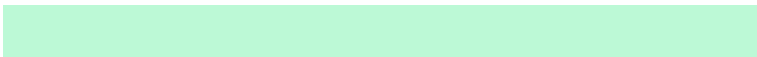
The Sweet Spot groups the original color and five complimentary colors.



214.9120, 16.8054, -23.6018



244.9220, 4.9685, -6.9476



226.7710, -6.2961, -34.0022



121.7760, 3.0684, -4.1886



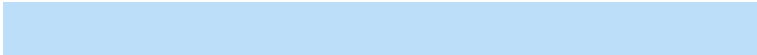
0.0000, 0.0000, 0.0000



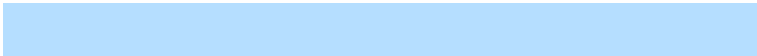
128.0000, 0.0000, 0.0000

Same Dimension

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



214.9120, 16.8054, -23.6018



213.5030, 20.4580, -28.5051



197.3020, 25.4871, -8.1579



117.5910, 3.6526, -4.9033



83.1810, 52.1688, -72.9497



26.9120, 16.8054, -23.6018

Inverse Universe

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



210.1150, 5.8593, 34.1021



207.8000, 7.0006, 41.3944



239.6980, -25.4871, 8.1579



116.6850, 1.1413, 7.2923



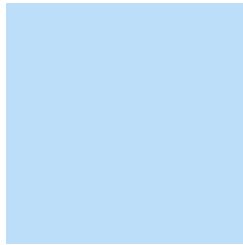
68.4810, 18.0039, 105.6952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 214.9120, 16.8054, -23.6018 looks on a white background.

Color Contrast Check

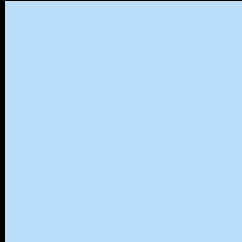
Large Text (above 18pt) WCAG AA × Fail

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 214.9120, 16.8054, -23.6018 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

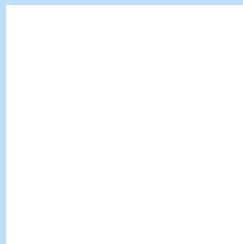
Any Text WCAG AAA ✓ Pass

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

YUV 214.9120, 16.8054, -23.6018 Background



This preview shows how black text looks on a background with the YUV color 214.9120, 16.8054, -23.6018.



This preview shows how white text looks on a background with the YUV color 214.9120, 16.8054, -23.6018.

-23.6018.

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

214.9120, 16.8054, -23.6018

Protanopia

217.8220, 13.3988, -4.2289

Deuteranopia

219.4360, 15.5611, 2.2486



Tritanopia

213.9890, 13.3164, -24.5464

Trichromacy



Original Color

214.9120, 16.8054, -23.6018

Protanomaly

217.0060, 14.2940, -11.4063

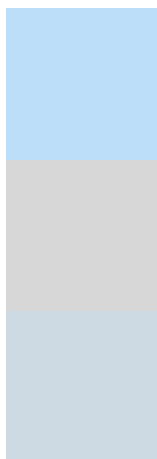
Deuteranomaly

218.0820, 15.7356, -7.0879

Tritanomaly

214.6300, 14.4794, -24.2315

Monochromacy



Original Color

214.9120, 16.8054, -23.6018

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9120, 16.8054, -23.6018 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(188, 222, 249)` looks like.

```
.text, #text, p{  
    color:rgb(188, 222, 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(188, 222, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 222, 249) }
```

Border

The CSS property to change the border of an element to YUV 214.9120, 16.8054, -23.6018 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(188, 222, 249) }
```


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

```
.border{ border-color:rgb(188, 222, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 222, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(188, 222,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 214.9120, 16.8054, -23.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 222, 249) }
```

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

```
.background{ background-color: rgb(188,  
222, 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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