

Converting Colors

YUV(219.7210, 16.4065,
-35.7123)

Have a look what the booklet for
YUV(219.7210, 16.4065, -35.7123)
contains.

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Color

**YUV(219.7210, 16.4065,
-35.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EAFD
RGB	179, 234, 253
RGB Percent	70%, 92%, 99%
CMY	0.2980, 0.0824, 0.0078
CMYK	0.29, 0.08, 0.00, 0.01
HSL	195°, 95%, 85%
HSV	195°, 29%, 99%
XYZ	65.7428, 75.5212, 104.0405
YIQ	219.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

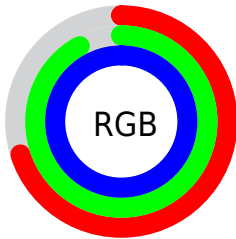
Format	Color
R _{YB}	179, 211, 253
Decimal	11791101
CIE Lab	89.64, -13.14, -14.86
CIE LCh	90, 19.836, 228.506
Yxy	75.5212, 0.2680, 0.3079
Android (android.graphics.Color)	4289981181 (0xFFB3EAFD)
YUV	219.7210, 16.4065, -35.7123
Hunter-Lab	86.9029, -17.0433, -10.1502

Details

The YUV color $219.7210, 16.4065, -35.7123$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.2790, -16.4065, 35.7123$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $163.9060, 15.8223, -34.9976$ is the 20% darker color. If you saturate the color by 10%, you get $208.7240, 21.8281, -47.9929$, and if you desaturate by 10%, it is $230.7180, 10.9850, -23.4317$.

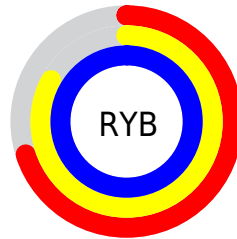
Distribution



Red (70%)

Green (92%)

Blue (99%)



Red (70%)

Yellow (83%)

Blue (99%)

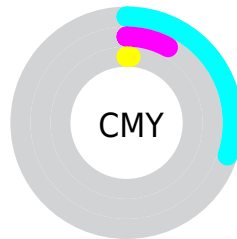


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (8%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.7210, 16.4065, -35.7123 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 219.7210, 16.4065, -35.7123 by changing the saturation by 10% instead.

■ 219.7210, 16.4065,
-35.7123

■ 219.7210, 16.4065,
-35.7123

255.0000, 0.0000,
0.0000

■ 191.6070, 15.9697,
-35.6123

■ 249.3190, 2.8007,
-11.6808

■ 163.9060, 15.8223,
-34.9976

■ 136.9060, 15.8223,
-34.9976

■ 111.4930, 15.5330,
-35.5124

■ 85.7810, 15.3910,
-36.6419

■ 58.9760, 16.2808,
-42.0750

■ 39.5640, 14.5119,

-34.6976

■ 24.0280, 10.8322,
-21.0726

■ 3.5510, 11.0674,
-3.1142

■ 219.7210, 16.4065,
-35.7123

■ 219.7210, 16.4065,
-35.7123

■ 208.7240, 21.8281,
-47.9929

■ 230.7180, 10.9850,
-23.4317

■ 196.8410, 27.6864,
-60.3736

■ 242.6010, 5.1267,
-11.0511

■ 185.8440, 33.1079,
-72.6542

■ 253.5980, -0.2948,
1.2296

■ 174.2600, 38.8188,
-84.4200

■ 254.7720, -0.8736,
0.2000

■ 162.9640, 44.3877,
-97.3154

■ 151.3800, 50.0987,
-109.0813

■ 140.3830, 55.5202,
-121.3619

■ 139.1980, 56.1044,
-122.0766

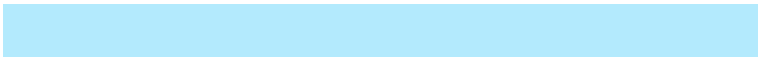
Harmonies

Analogous

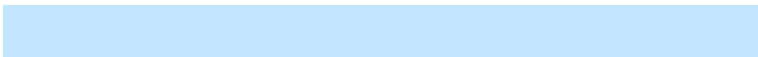
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.1740, 9.2812, -36.9866



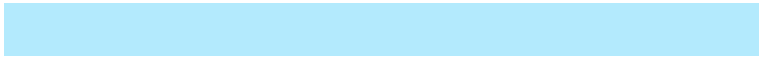
219.7210, 16.4065, -35.7123



222.0970, 16.2212, -22.8871

Triad

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



219.7210, 16.4065, -35.7123



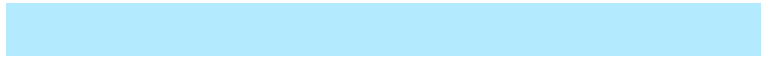
227.8380, 2.5449, 23.8211



223.5540, -17.0351, 3.8991

Complementary

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



219.7210, 16.4065, -35.7123



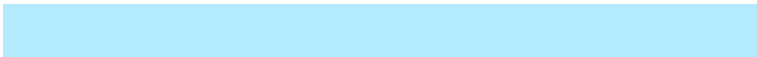
212.2790, -16.4065, 35.7123

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.



225.7130, -18.0995, 18.6687



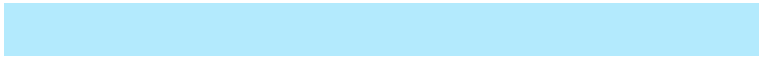
219.7210, 16.4065, -35.7123



225.6720, -5.7543, 25.7207

Square

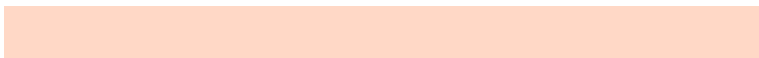
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.7210, 16.4065, -35.7123



228.6500, 11.0185, 12.5849



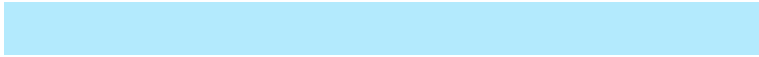
225.6090, -13.6112, 25.7759



221.1650, -10.4343, -13.2997

Rectangle

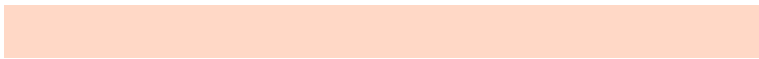
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.7210, 16.4065, -35.7123



224.2340, 15.1676, -11.6062



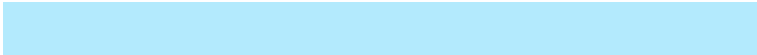
225.6090, -13.6112, 25.7759



224.3590, -17.9250, 9.3322

Sweetspot

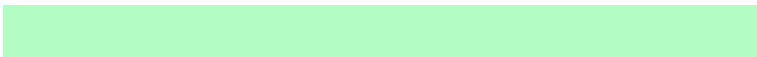
The Sweet Spot groups the original color and five complimentary colors.



219.7210, 16.4065, -35.7123



244.6010, 5.1267, -11.0511



224.4900, -13.5526, -39.8947



121.1670, 3.3687, -7.1625



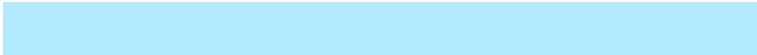
0.0000, 0.0000, 0.0000



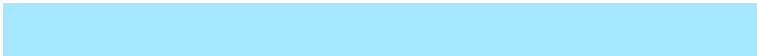
128.0000, 0.0000, 0.0000

Same Dimension

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



219.7210, 16.4065, -35.7123



214.8880, 19.7752, -42.8748



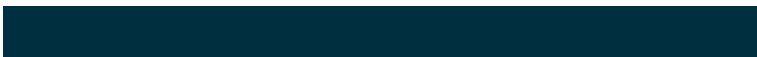
198.0020, 27.1140, -16.6648



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Inverse Universe

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



207.3960, 13.1158, 39.9947



200.1350, 15.7094, 48.1166



233.9980, -27.1140, 16.6648



119.9130, 2.0149, 7.0923



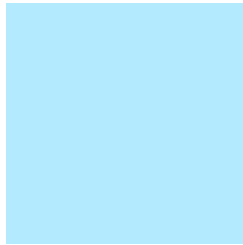
73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 219.7210, 16.4065, -35.7123 looks on a white background.

Color Contrast Check

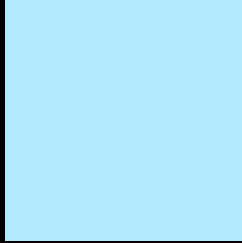
Large Text (above 18pt) WCAG AA × Fail

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 219.7210, 16.4065, -35.7123 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 219.7210, 16.4065, -35.7123 Background



This preview shows how black text looks on a background with the YUV color 219.7210, 16.4065, -35.7123.



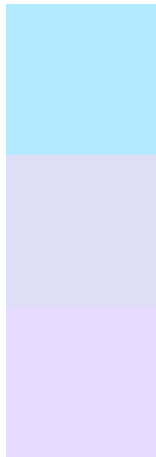
This preview shows how white text looks on a background with the YUV color 219.7210, 16.4065, -35.7123.

-35.7123.

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

219.7210, 16.4065, -35.7123

Protanopia

225.3230, 10.1938, -2.9143

Deuteranopia

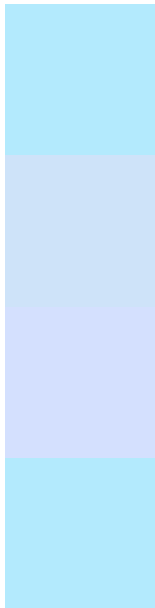
226.6920, 13.9558, 3.7781



Tritanopia

219.7210, 16.4065, -35.7123

Trichromacy



Original Color

219.7210, 16.4065, -35.7123

Protanomaly

223.2290, 12.7051, -15.1098

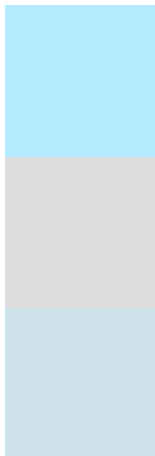
Deuteranomaly

223.8320, 14.8728, -10.3767

Tritanomaly

219.7210, 16.4065, -35.7123

Monochromacy



Original Color

219.7210, 16.4065, -35.7123

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.7210, 16.4065, -35.7123 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(179, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(179, 234, 253)  
}
```

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(179, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 234, 253) }
```

Border

The CSS property to change the border of an element to YUV 219.7210, 16.4065, -35.7123 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

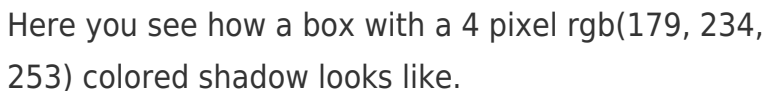
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 234, 253) }
```


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

```
.border{ border-color:rgb(179, 234, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 234, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 234, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 234, 253); box-shadow:4px 4px 4px 4px rgb(179, 234, 253) }
```

Background

The CSS property to change the background color of an element to YUV 219.7210, 16.4065, -35.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 234, 253) }
```

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

```
.background{ background-color: rgb(179,  
234, 253) }
```

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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