

Converting Colors

YUV(218.9930, 17.2585,
-28.9349)

Have a look what the booklet for
YUV(218.9930, 17.2585, -28.9349)
contains.

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Color

**YUV(218.9930, 17.2585,
-28.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE5FE
RGB	186, 229, 254
RGB Percent	73%, 90%, 100%
CMY	0.2706, 0.1020, 0.0039
CMYK	0.27, 0.10, 0.00, 0.00
HSL	202°, 97%, 86%
HSV	202°, 27%, 100%
XYZ	66.1584, 73.6335, 104.4917
YIQ	218.9930, -33.6530, -1.3410

Conversions

Conversions Part 2

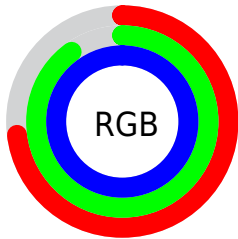
Format	Color
R _Y B	186, 212, 254
Decimal	12248574
CIE Lab	88.75, -8.39, -16.67
CIE LCh	89, 18.663, 243.297
Yxy	73.6335, 0.2708, 0.3014
Android (android.graphics.Color)	4290438654 (0xFFBAE5FE)
YUV	218.9930, 17.2585, -28.9349
Hunter-Lab	85.8100, -12.5461, -12.1311

Details

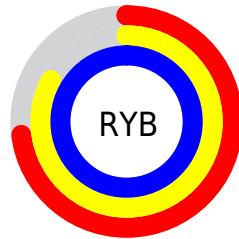
The YUV color $218.9930, 17.2585, -28.9349$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.0070, -17.2585, 28.9349$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $163.7650, 16.3849, -28.7349$ is the 20% darker color. If you saturate the color by 10%, you get $206.2350, 23.5481, -39.6711$, and if you desaturate by 10%, it is $231.7510, 10.9688, -18.1986$.

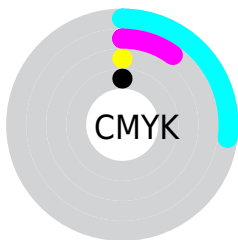
Distribution



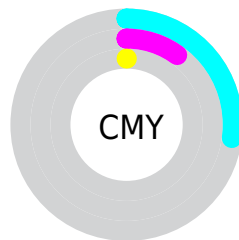
- Red (73%)
- Green (90%)
- Blue (100%)



- Red (73%)
- Yellow (83%)
- Blue (100%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9930, 17.2585, -28.9349 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 218.9930, 17.2585, -28.9349 by changing the saturation by 10% instead.

■ 218.9930, 17.2585,
-28.9349

■ 218.9930, 17.2585,
-28.9349

255.0000, 0.0000,
0.0000

■ 190.8790, 16.8217,
-28.8349

■ 251.4120, 1.7689,
-7.3773

■ 163.7650, 16.3849,
-28.7349

■ 137.0640, 16.2374,
-28.1201

■ 111.0640, 16.2374,
-28.1201

■ 85.6510, 15.9481,
-28.6349

■ 61.2270, 15.6641,
-30.8941

■ 37.2160, 15.6695,

-32.6384

■ 22.3810, 12.1372,
-19.6281

■ 3.6650, 11.5042,
-3.2142

■ 218.9930, 17.2585,
-28.9349

■ 218.9930, 17.2585,
-28.9349

■ 206.2350, 23.5481,
-39.6711

■ 231.7510, 10.9688,
-18.1986

■ 192.5910, 30.2746,
-50.5073

■ 245.3950, 4.2423,
-7.3624

■ 179.8330, 36.5643,
-61.2435

254.8860, -0.4368,
0.1000

■ 166.7760, 43.0014,
-72.5946

■ 153.4310, 49.5805,
-82.8160

■ 140.6730, 55.8702,
-93.5522

■ 127.6160, 62.3073,
-104.9032

■ 123.4630, 64.3547,
-108.2771

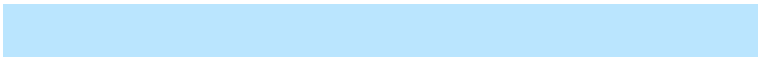
Harmonies

Analogous

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



216.6950, 12.4754, -34.8125



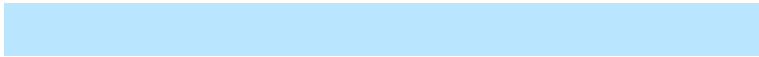
218.9930, 17.2585, -28.9349



222.1520, 16.1941, -14.1653

Triad

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



218.9930, 17.2585, -28.9349



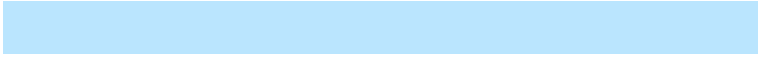
225.2960, -2.1179, 26.0504



220.1230, -13.3716, -4.4929

Complementary

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



218.9930, 17.2585, -28.9349



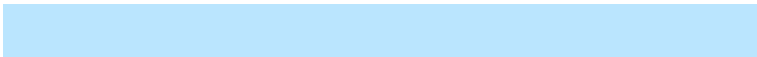
221.0070, -17.2585, 28.9349

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.



221.8970, -17.2042, 11.4913



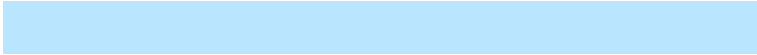
218.9930, 17.2585, -28.9349



223.9450, -9.8329, 27.2352

Square

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



218.9930, 17.2585, -28.9349



226.4290, 6.1975, 18.9178



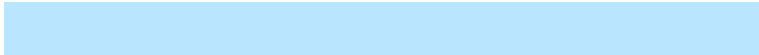
223.7290, -15.6424, 23.9167



217.9730, -5.9027, -20.1473

Rectangle

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



218.9930, 17.2585, -28.9349



224.2890, 15.1405, -2.8845



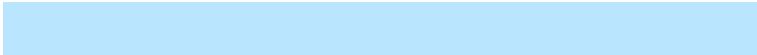
223.7290, -15.6424, 23.9167



220.7000, -15.1351, 1.1401

Sweetspot

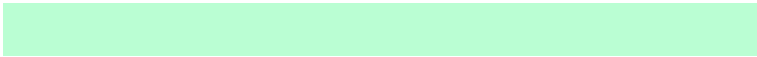
The Sweet Spot groups the original color and five complimentary colors.



218.9930, 17.2585, -28.9349



244.9110, 4.9739, -8.6919



228.7660, -8.7586, -37.5058



121.1780, 3.3632, -5.4181



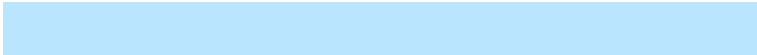
0.0000, 0.0000, 0.0000



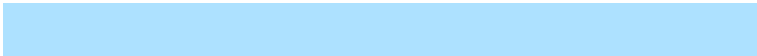
128.0000, 0.0000, 0.0000

Same Dimension

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



218.9930, 17.2585, -28.9349



212.8720, 20.7691, -34.9677



199.0350, 27.0977, -11.4317



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Inverse Universe

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



211.2340, 8.7586, 37.5058



203.4460, 10.6261, 45.2129



240.9650, -27.0977, 11.4317



119.7990, 1.5781, 7.1923



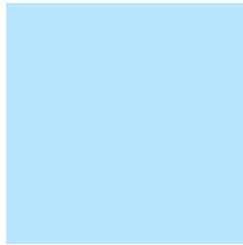
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 218.9930, 17.2585, -28.9349 looks on a white background.

Color Contrast Check

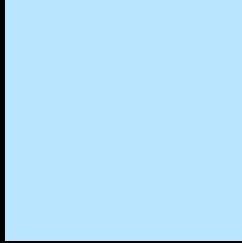
Large Text (above 18pt) WCAG AA × Fail

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 218.9930, 17.2585, -28.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

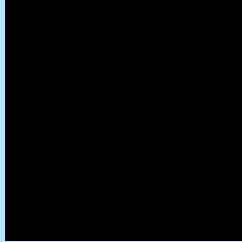
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.9930, 17.2585, -28.9349

Background



This preview shows how black text looks on a background with the YUV color 218.9930, 17.2585, -28.9349.



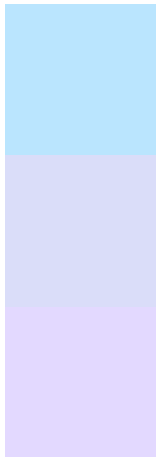
This preview shows how white text looks on a background with the YUV color 218.9930, 17.2585, -28.9349.

-28.9349.

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

218.9930, 17.2585, -28.9349

Protanopia

223.2950, 12.6726, -4.6437

Deuteranopia

224.3220, 15.1243, 2.3486



Tritanopia

218.5970, 14.4957, -29.4646

Trichromacy



Original Color

218.9930, 17.2585, -28.9349

Protanomaly

221.6960, 14.4469, -13.7654

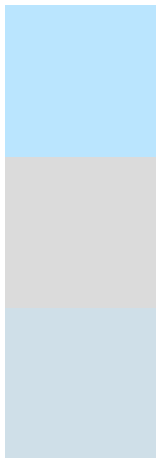
Deuteranomaly

222.1850, 16.1778, -8.9322

Tritanomaly

218.8250, 15.3693, -29.6645

Monochromacy



Original Color

218.9930, 17.2585, -28.9349

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.2420, 6.2897, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9930, 17.2585, -28.9349 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(186, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(186, 229, 254)  
}
```

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(186, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 229, 254) }
```

Border

The CSS property to change the border of an element to YUV 218.9930, 17.2585, -28.9349 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(186, 229, 254) }
```


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

```
.border{ border-color:rgb(186, 229, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 229, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(186, 229,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 218.9930, 17.2585, -28.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 229, 254) }
```

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

```
.background{ background-color: rgb(186,  
229, 254) }
```

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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