

Converting Colors

YUV(219.2920, 17.1110,
-28.3201)

Have a look what the booklet for
YUV(219.2920, 17.1110, -28.3201)
contains.

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Color

**YUV(219.2920, 17.1110,
-28.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE5FE
RGB	187, 229, 254
RGB Percent	73%, 90%, 100%
CMY	0.2667, 0.1020, 0.0039
CMYK	0.26, 0.10, 0.00, 0.00
HSL	202°, 97%, 86%
HSV	202°, 26%, 100%
XYZ	66.4022, 73.7592, 104.5031
YIQ	219.2920, -33.0570, -1.1290

Conversions

Conversions Part 2

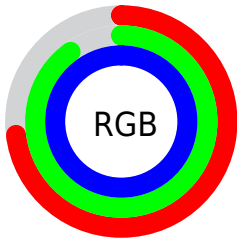
Format	Color
R _Y B	187, 213, 254
Decimal	12314110
CIE Lab	88.81, -8.10, -16.58
CIE LCh	89, 18.450, 243.959
Yxy	73.7592, 0.2714, 0.3015
Android (android.graphics.Color)	4290504190 (0xFFBBE5FE)
YUV	219.2920, 17.1110, -28.3201
Hunter-Lab	85.8832, -12.2848, -12.0262

Details

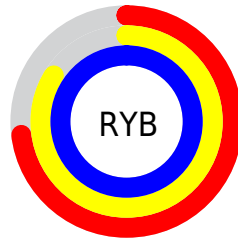
The YUV color $219.2920, 17.1110, -28.3201$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.7080, -17.1110, 28.3201$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $164.0640, 16.2374, -28.1201$ is the 20% darker color. If you saturate the color by 10%, you get $206.5340, 23.4007, -39.0563$, and if you desaturate by 10%, it is $232.0500, 10.8214, -17.5838$.

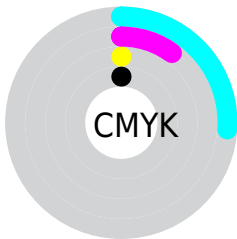
Distribution



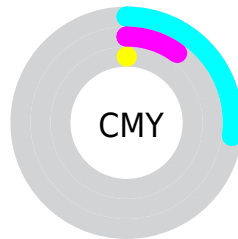
- Red (73%)
- Green (90%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 219.2920, 17.1110, -28.3201 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 219.2920, 17.1110, -28.3201 by changing the saturation by 10% instead.

■ 219.2920, 17.1110,
-28.3201

■ 219.2920, 17.1110,
-28.3201

255.0000, 0.0000,
0.0000

■ 191.1780, 16.6742,
-28.2201

■ 251.7110, 1.6215,
-6.7625

■ 164.0640, 16.2374,
-28.1201

■ 137.3630, 16.0900,
-27.5054

■ 111.3630, 16.0900,
-27.5054

■ 85.9500, 15.8007,
-28.0201

■ 61.8250, 15.3693,
-29.6645

■ 37.2160, 15.6695,

-32.6384

■ 22.3810, 12.1372,
-19.6281

■ 3.6650, 11.5042,
-3.2142

■ 219.2920, 17.1110,
-28.3201

■ 219.2920, 17.1110,
-28.3201

■ 206.5340, 23.4007,
-39.0563

■ 232.0500, 10.8214,
-17.5838

■ 192.8900, 30.1272,
-49.8925

■ 245.6940, 4.0949,
-6.7476

■ 180.1320, 36.4169,
-60.6288

■ 254.8860, -0.4368,
0.1000

■ 166.4880, 43.1434,
-71.4650

■ 153.7300, 49.4331,
-82.2012

■ 140.3850, 56.0122,
-92.4226

■ 127.3280, 62.4493,
-103.7737

■ 122.2890, 64.9335,
-107.2475

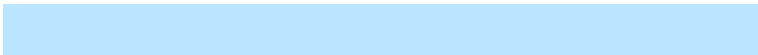
Harmonies

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



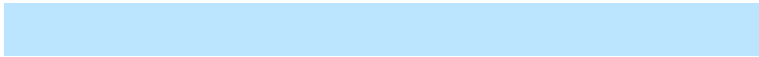
219.2920, 17.1110, -28.3201



222.4510, 16.0467, -13.5505

Triad

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



219.2920, 17.1110, -28.3201



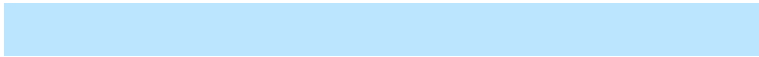
225.2960, -2.1179, 26.0504



220.2370, -12.9348, -4.5928

Complementary

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



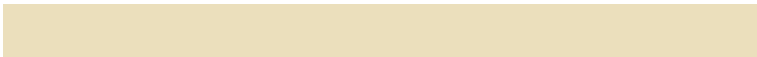
219.2920, 17.1110, -28.3201



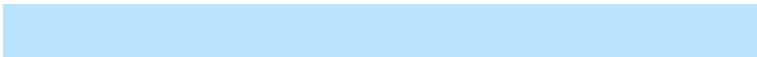
221.7080, -17.1110, 28.3201

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.



222.5980, -17.0568, 10.8766



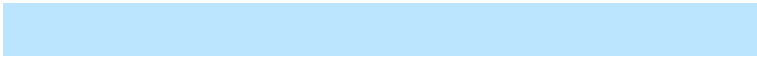
219.2920, 17.1110, -28.3201



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.



219.2920, 17.1110, -28.3201



226.4290, 6.1975, 18.9178



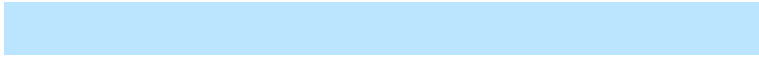
224.3160, -15.9318, 23.4019



218.0870, -5.4659, -20.2473

Rectangle

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



219.2920, 17.1110, -28.3201



224.5880, 14.9931, -2.2697



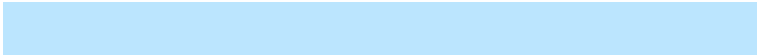
224.3160, -15.9318, 23.4019



220.8140, -14.6983, 1.0401

Sweetspot

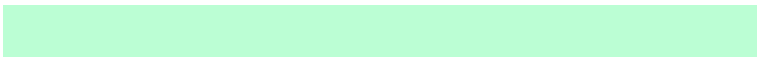
The Sweet Spot groups the original color and five complimentary colors.



219.2920, 17.1110, -28.3201



244.3240, 5.2633, -8.1771



229.1790, -8.4692, -36.9910



121.1780, 3.3632, -5.4181



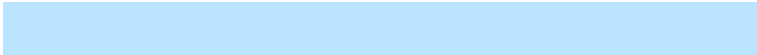
0.0000, 0.0000, 0.0000



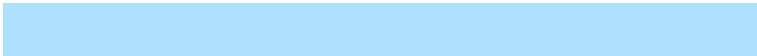
128.0000, 0.0000, 0.0000

Same Dimension

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



219.2920, 17.1110, -28.3201



212.8720, 20.7691, -34.9677



199.9210, 26.6609, -11.3317



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Inverse Universe

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



211.8210, 8.4692, 36.9910



203.4460, 10.6261, 45.2129



241.0790, -26.6609, 11.3317



119.7990, 1.5781, 7.1923



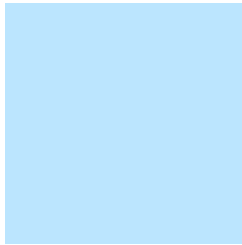
70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 219.2920, 17.1110, -28.3201 looks on a white background.

Color Contrast Check

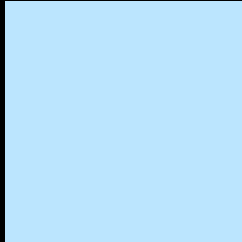
Large Text (above 18pt) WCAG AA × Fail

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 219.2920, 17.1110, -28.3201 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

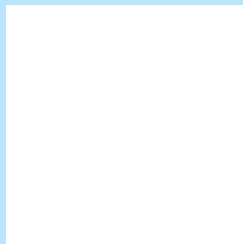
Any Text WCAG AAA ✓ Pass

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

YUV 219.2920, 17.1110, -28.3201 Background



This preview shows how black text looks on a background with the YUV color 219.2920, 17.1110, -28.3201.



This preview shows how white text looks on a background with the YUV color 219.2920, 17.1110,

-28.3201.

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

219.2920, 17.1110, -28.3201

Protanopia

223.5940, 12.5252, -4.0289

Deuteranopia

224.6210, 14.9768, 2.9634



Tritanopia

218.8960, 14.3483, -28.8498

Trichromacy



Original Color

219.2920, 17.1110, -28.3201

Protanomaly

221.9950, 14.2995, -13.1506

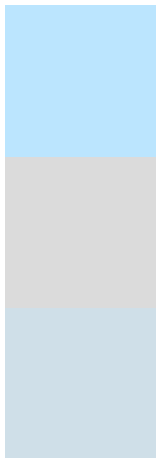
Deuteranomaly

222.4840, 16.0304, -8.3175

Tritanomaly

219.1240, 15.2219, -29.0497

Monochromacy



Original Color

219.2920, 17.1110, -28.3201

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 219.2920, 17.1110, -28.3201 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(187, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 229, 254) }
```

Border

The CSS property to change the border of an element to YUV 219.2920, 17.1110, -28.3201 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(187, 229, 254) }
```


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

```
.border{ border-color:rgb(187, 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(187, 229, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(187, 229,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 219.2920, 17.1110, -28.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 229, 254) }
```

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

```
.background{ background-color: rgb(187,  
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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