

Converting Colors

YUV(228.0980, 11.2907,
-28.1499)

Have a look what the booklet for
YUV(228.0980, 11.2907, -28.1499)
contains.

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Color

**YUV(228.0980, 11.2907,
-28.1499)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C4F0FB |
| RGB | 196, 240, 251 |
| RGB Percent | 77%, 94%, 98% |
| CMY | 0.2314, 0.0588, 0.0157 |
| CMYK | 0.22, 0.04, 0.00, 0.02 |
| HSL | 192°, 87%, 88% |
| HSV | 192°, 22%, 98% |
| XYZ | 71.3376, 81.0210, 103.1455 |
| YIQ | 228.0980, -29.7550, -5.9070 |

Conversions

Conversions Part 2

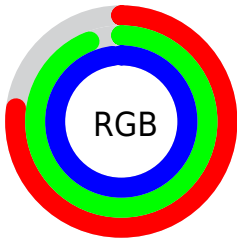
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 196, 220, 251 |
| Decimal | 12906747 |
| CIE Lab | 92.14, -11.73, -9.97 |
| CIE LCh | 92, 15.400, 220.364 |
| Yxy | 81.0210, 0.2792, 0.3171 |
| Android (android.graphics.Color) | 4291096827 (0xFFC4F0FB) |
| YUV | 228.0980, 11.2907, -28.1499 |
| Hunter-Lab | 90.0117, -16.0524, -4.9330 |

Details

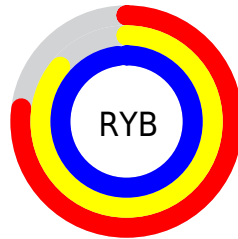
The YUV color **228.0980, 11.2907, -28.1499** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **218.9020, -11.2907, 28.1499**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.4020, 0.2948, -1.2296**, and **172.3970, 11.1433, -27.5352** is the 20% darker color. If you saturate the color by 10%, you get **217.6880, 16.4228, -40.9454**, and if you desaturate by 10%, it is **238.5080, 6.1586, -15.3545**.

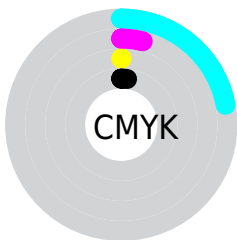
Distribution



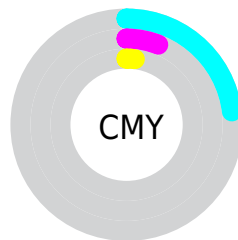
- Red (77%)
- Green (94%)
- Blue (98%)



- Red (77%)
- Yellow (86%)
- Blue (98%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0980, 11.2907, -28.1499 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 228.0980, 11.2907, -28.1499 by changing the saturation by 10% instead.

■ 228.0980, 11.2907,
-28.1499

■ 228.0980, 11.2907,
-28.1499

255.0000, 0.0000,
0.0000

■ 199.9840, 10.8539,
-28.0500

254.4020, 0.2948,
-1.2296

■ 172.3970, 11.1433,
-27.5352

■ 145.5820, 10.5591,
-26.8204

■ 119.5820, 10.5591,
-26.8204

■ 94.4680, 10.1223,
-26.7204

■ 70.1690, 10.2697,
-27.3352

■ 45.2720, 10.7119,

-29.1795

■ 26.8490, 8.9484,
-23.5466

■ 11.6550, 6.5791,
-10.2214

■ 228.0980, 11.2907,
-28.1499

■ 228.0980, 11.2907,
-28.1499

■ 217.6880, 16.4228,
-40.9454

■ 238.5080, 6.1586,
-15.3545

■ 207.2780, 21.5549,
-53.7408

■ 248.9180, 1.0264,
-2.5591

■ 196.8680, 26.6871,
-66.5362

■ 254.5440, -1.7472,
0.3999

■ 186.4580, 31.8192,
-79.3317

■ 175.7490, 37.0987,
-92.7419

■ 165.3390, 42.2309,
-105.5373

■ 154.9290, 47.3630,
-118.3327

■ 146.6010, 51.4687,
-128.5691

Harmonies

Analogous

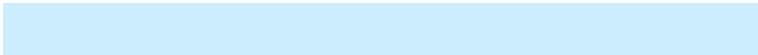
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.0890, 4.8861, -27.2651



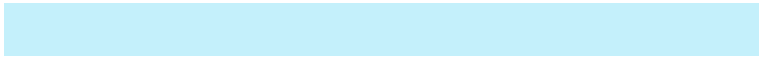
228.0980, 11.2907, -28.1499



229.7830, 12.4320, -20.8577

Triad

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



228.0980, 11.2907, -28.1499



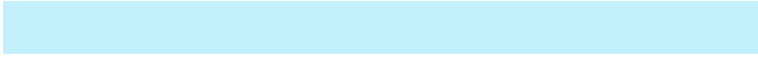
234.8480, 4.0189, 17.6733



231.3740, -13.9884, 6.6880

Complementary

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



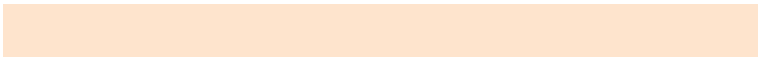
228.0980, 11.2907, -28.1499



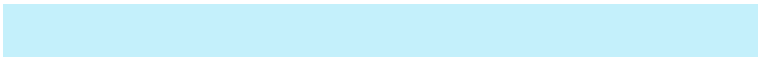
218.9020, -11.2907, 28.1499

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.



233.1520, -13.8789, 18.2837



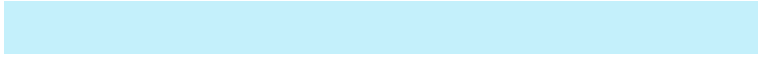
228.0980, 11.2907, -28.1499



232.5510, -2.2436, 19.6878

Square

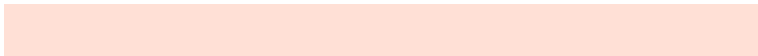
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.0980, 11.2907, -28.1499



234.6770, 10.0192, 6.4223



232.1290, -8.9376, 20.0579



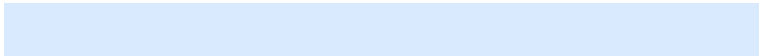
229.4370, -9.5824, -6.5222

Rectangle

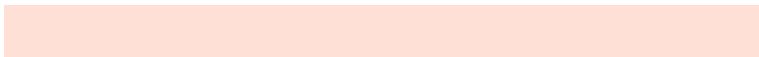
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.0980, 11.2907, -28.1499



231.3110, 11.6787, -12.5507



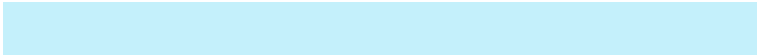
232.1290, -8.9376, 20.0579



231.6950, -14.1466, 10.7915

Sweetspot

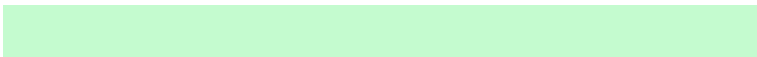
The Sweet Spot groups the original color and five complimentary colors.



228.0980, 11.2907, -28.1499



247.2700, 3.8109, -9.0068



229.5390, -11.1117, -29.4137



122.9500, 2.4896, -5.2182



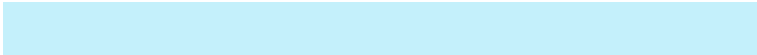
0.0000, 0.0000, 0.0000



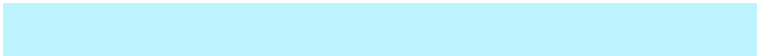
128.0000, 0.0000, 0.0000

Same Dimension

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



228.0980, 11.2907, -28.1499



227.6350, 13.4909, -33.8829



212.2490, 19.1042, -14.2504



119.3520, 2.7845, -6.4477



110.1830, 38.8568, -96.6305



35.7170, 12.4645, -31.3238

Inverse Universe

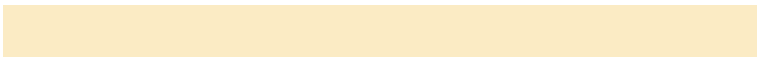
The Inverse Universe completely reimagines the original color for something new.



217.4610, 11.1117, 29.4137



214.7760, 13.4214, 35.2764



235.3380, -19.3936, 13.7356



117.0270, 2.4517, 6.9923



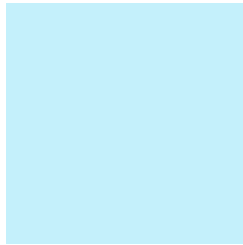
73.7250, 38.0966, 101.0962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 228.0980, 11.2907, -28.1499 looks on a white background.

Color Contrast Check

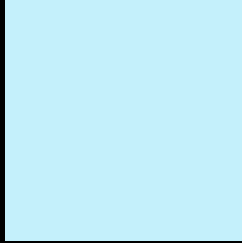
Large Text (above 18pt) WCAG AA × Fail

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 228.0980, 11.2907, -28.1499 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 228.0980, 11.2907, -28.1499

Background



This preview shows how black text looks on a background with the YUV color 228.0980, 11.2907, -28.1499.



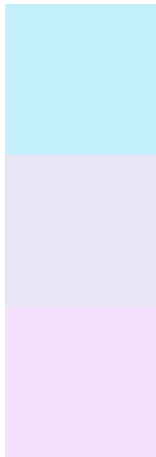
This preview shows how white text looks on a background with the YUV color 228.0980, 11.2907, -28.1499.

-28.1499.

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

228.0980, 11.2907, -28.1499

Protanopia

232.3080, 6.2572, -0.2701

Deuteranopia

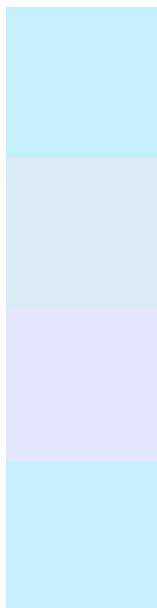
233.9870, 9.8664, 8.7814



Tritanopia

229.1740, 12.7322, -23.8316

Trichromacy



Original Color

228.0980, 11.2907, -28.1499

Protanomaly

230.9970, 7.8895, -10.5214

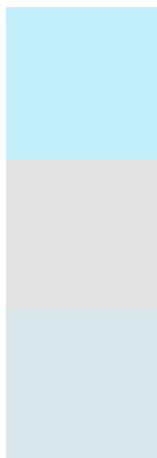
Deuteranomaly

231.7250, 10.4886, -4.1438

Tritanomaly

229.0490, 12.3008, -25.4760

Monochromacy



Original Color

228.0980, 11.2907, -28.1499

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0980, 11.2907, -28.1499 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(196, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 240, 251)  
}
```

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(196, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 240, 251) }
```

Border

The CSS property to change the border of an element to YUV 228.0980, 11.2907, -28.1499 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(196, 240, 251) }
```


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

```
.border{ border-color:rgb(196, 240, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 240, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 240, 251); box-shadow:4px 4px 4px 4px rgb(196, 240, 251) }
```

Background

The CSS property to change the background color of an element to YUV 228.0980, 11.2907, -28.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 240, 251) }
```

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

```
.background{ background-color: rgb(196,  
240, 251) }
```

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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