

Converting Colors

YUV(219.4280, 17.5370,
-24.9314)

Have a look what the booklet for
YUV(219.4280, 17.5370, -24.9314)
contains.

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Color

**YUV(219.4280, 17.5370,
-24.9314)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFE3FF</code>
RGB	<code>191, 227, 255</code>
RGB Percent	<code>75%, 89%, 100%</code>
CMY	<code>0.2510, 0.1098, 0.0000</code>
CMYK	<code>0.25, 0.11, 0.00, 0.00</code>
HSL	<code>206°, 100%, 87%</code>
HSV	<code>206°, 25%, 100%</code>
XYZ	<code>67.0049, 73.2345, 105.2119</code>
YIQ	<code>219.4280, -30.4440, 1.0760</code>

Conversions

Conversions Part 2

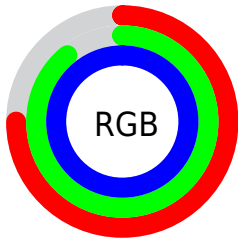
Format	Color
R_{YB}	191, 214, 255
Decimal	12575743
CIE _{Lab}	88.56, -5.69, -17.45
CIE _{LCh}	89, 18.355, 251.948
Yxy	73.2345, 0.2730, 0.2984
Android (android.graphics.Color)	4290765823 (0xFFBFE3FF)
YUV	219.4280, 17.5370, -24.9314
Hunter-Lab	85.5772, -9.9987, -12.9894

Details

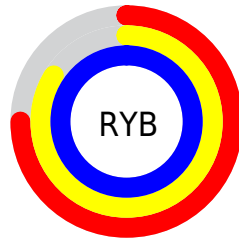
The YUV color $219.4280, 17.5370, -24.9314$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $226.5720, -17.5370, 24.9314$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9070, 1.0318, -4.3034$, and $164.2000, 16.6634, -24.7314$ is the 20% darker color. If you saturate the color by 10%, you get $205.4960, 24.4055, -34.6380$, and if you desaturate by 10%, it is $233.6590, 10.5211, -14.6099$.

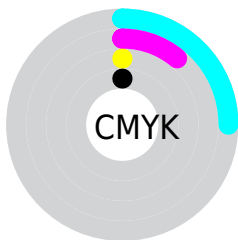
Distribution



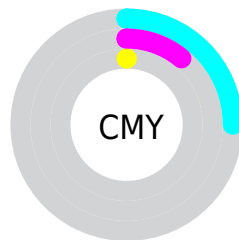
- Red (75%)
- Green (89%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.4280, 17.5370, -24.9314 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 219.4280, 17.5370, -24.9314 by changing the saturation by 10% instead.

■ 219.4280, 17.5370,
-24.9314

■ 219.4280, 17.5370,
-24.9314

255.0000, 0.0000,
0.0000

■ 191.3140, 17.1002,
-24.8314

■ 252.9070, 1.0318,
-4.3034

■ 164.2000, 16.6634,
-24.7314

■ 137.4990, 16.5160,
-24.1166

■ 111.9720, 15.7898,
-24.5314

■ 86.9720, 15.7898,
-24.5314

■ 62.2600, 15.6478,
-25.6610

■ 37.6400, 15.9535,

-30.3793

■ 21.9080, 12.8634,
-19.2133

■ 3.6650, 11.5042,
-3.2142

■ 219.4280, 17.5370,
-24.9314

■ 219.4280, 17.5370,
-24.9314

■ 205.4960, 24.4055,
-34.6380

■ 233.6590, 10.5211,
-14.6099

■ 191.2650, 31.4214,
-44.9594

■ 247.5910, 3.6526,
-4.9033

■ 177.3330, 38.2898,
-54.6660

■ 255.0000, 0.0000,
0.0000

■ 162.5150, 45.5951,
-64.4727

■ 148.5830, 52.4636,
-74.1793

■ 134.3520, 59.4795,
-84.5007

■ 120.4200, 66.3479,
-94.2073

■ 113.0110, 70.0006,
-99.1106

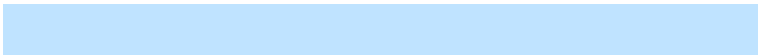
Harmonies

Analogous

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



216.7490, 13.9277, -33.9829



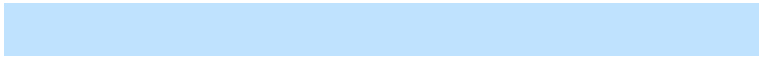
219.4280, 17.5370, -24.9314



222.1850, 16.1778, -8.9322

Triad

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



219.4280, 17.5370, -24.9314



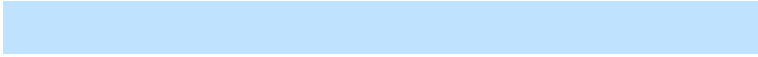
224.1390, -4.0125, 27.0651



218.6710, -11.1768, -8.4815

Complementary

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



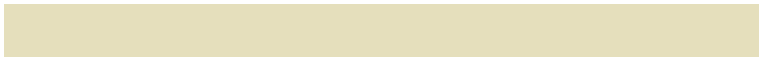
219.4280, 17.5370, -24.9314



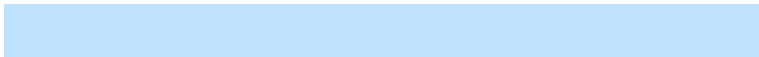
226.5720, -17.5370, 24.9314

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.



220.8040, -16.1724, 7.1879



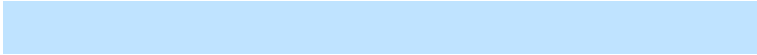
219.4280, 17.5370, -24.9314



224.0760, -11.8695, 27.1203

Square

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



219.4280, 17.5370, -24.9314



225.5820, 4.1501, 22.2916



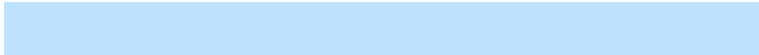
223.0660, -16.7945, 20.1131



217.0480, -2.9817, -23.7211

Rectangle

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



219.4280, 17.5370, -24.9314



223.9800, 13.8139, 2.6485



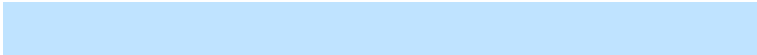
223.0660, -16.7945, 20.1131



219.7210, -13.6665, -3.2633

Sweetspot

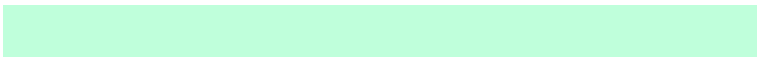
The Sweet Spot groups the original color and five complimentary colors.



219.4280, 17.5370, -24.9314



243.7370, 5.5527, -7.6623



231.7600, -6.2907, -35.7465



120.5910, 3.6526, -4.9033



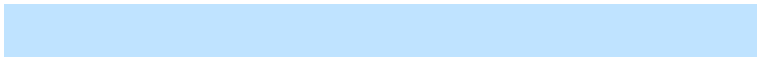
0.0000, 0.0000, 0.0000



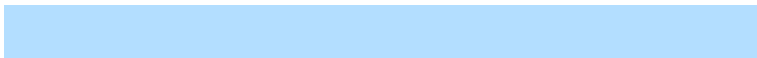
128.0000, 0.0000, 0.0000

Same Dimension

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



219.4280, 17.5370, -24.9314



212.9050, 20.7528, -29.7347



200.6440, 26.7975, -8.4578



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941



28.4280, 17.5370, -24.9314

Inverse Universe

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



214.2400, 6.2907, 35.7465



206.6260, 7.5794, 42.4240



245.3560, -26.7975, 8.4578



119.6850, 1.1413, 7.2923



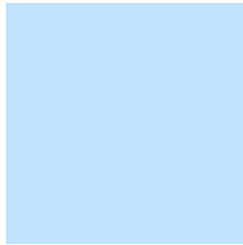
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 219.4280, 17.5370, -24.9314 looks on a white background.

Color Contrast Check

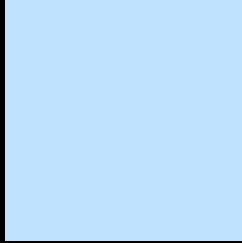
Large Text (above 18pt) WCAG AA × Fail

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 219.4280, 17.5370, -24.9314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

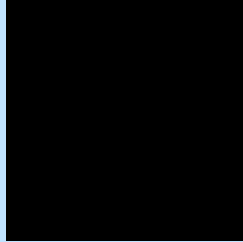
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

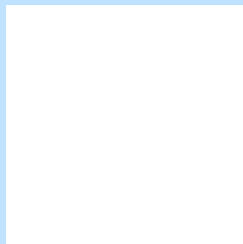
Any Text WCAG AAA ✓ Pass

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

YUV 219.4280, 17.5370, -24.9314 Background



This preview shows how black text looks on a background with the YUV color 219.4280, 17.5370, -24.9314.



This preview shows how white text looks on a background with the YUV color 219.4280, 17.5370, -24.9314.

-24.9314.

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

219.4280, 17.5370, -24.9314

Protanopia

222.6370, 13.9830, -4.9436

Deuteranopia

224.0230, 15.2717, 1.7338



Tritanopia

218.5050, 14.0480, -25.8759

Trichromacy



Original Color

219.4280, 17.5370, -24.9314

Protanomaly

221.8210, 14.8782, -12.1210

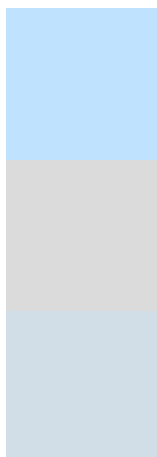
Deuteranomaly

222.4840, 16.0304, -8.3175

Tritanomaly

219.1460, 15.2110, -25.5610

Monochromacy



Original Color

219.4280, 17.5370, -24.9314

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.4280, 17.5370, -24.9314 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(191, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 255)  
}
```

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(191, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 219.4280, 17.5370, -24.9314 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(191, 227, 255) }
```


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

```
.border{ border-color:rgb(191, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 219.4280, 17.5370, -24.9314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 255) }
```

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

```
.background{ background-color: rgb(191,  
227, 255) }
```

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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