

Converting Colors

YUV(219.4390, 17.5316,
-23.1870)

Have a look what the booklet for
YUV(219.4390, 17.5316, -23.1870)
contains.

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Color

**YUV(219.4390, 17.5316,
-23.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E2FF
RGB	193, 226, 255
RGB Percent	76%, 89%, 100%
CMY	0.2431, 0.1137, 0.0000
CMYK	0.24, 0.11, 0.00, 0.00
HSL	208°, 100%, 88%
HSV	208°, 24%, 100%
XYZ	67.2387, 72.9502, 105.1447
YIQ	219.4390, -28.9770, 2.0230

Conversions

Conversions Part 2

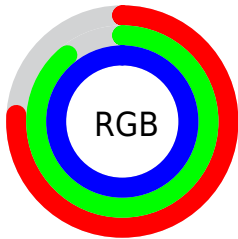
Format	Color
R _Y B	193, 215, 255
Decimal	12706559
CIE Lab	88.42, -4.59, -17.64
CIE LCh	88, 18.230, 255.427
Yxy	72.9502, 0.2741, 0.2974
Android (android.graphics.Color)	4290896639 (0xFFC1E2FF)
YUV	219.4390, 17.5316, -23.1870
Hunter-Lab	85.4109, -8.9471, -13.2011

Details

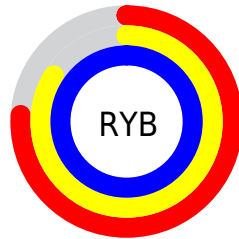
The YUV color $219.4390, 17.5316, -23.1870$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.5610, -17.5316, 23.1870$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $164.2110, 16.6580, -22.9870$ is the 20% darker color. If you saturate the color by 10%, you get $204.9200, 24.6894, -32.3788$, and if you desaturate by 10%, it is $234.2570, 10.2263, -13.3804$.

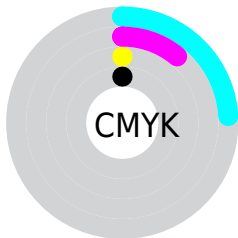
Distribution



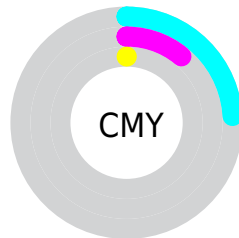
- Red (76%)
- Green (89%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.4390, 17.5316, -23.1870 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 219.4390, 17.5316, -23.1870 by changing the saturation by 10% instead.

■ 219.4390, 17.5316,
-23.1870

■ 219.4390, 17.5316,
-23.1870

255.0000, 0.0000,
0.0000

■ 191.3250, 17.0948,
-23.0870

■ 253.5050, 0.7370,
-3.0739

■ 164.2110, 16.6580,
-22.9870

■ 137.5100, 16.5106,
-22.3723

■ 111.9830, 15.7844,
-22.7871

■ 86.9830, 15.7844,
-22.7871

■ 62.5700, 15.4950,
-23.3019

■ 38.2490, 15.6532,

-27.4054

■ 21.3210, 13.1527,
-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 219.4390, 17.5316,
-23.1870

■ 219.4390, 17.5316,
-23.1870

■ 204.9200, 24.6894,
-32.3788

■ 234.2570, 10.2263,
-13.3804

■ 190.1020, 31.9947,
-42.1855

■ 248.7760, 3.0684,
-4.1886

■ 175.5830, 39.1526,
-51.3773

■ 255.0000, 0.0000,
0.0000

■ 160.7650, 46.4579,
-61.1839

■ 146.2460, 53.6157,
-70.3757

■ 131.4280, 60.9210,
-80.1824

■ 117.4960, 67.7895,
-89.8890

■ 108.9020, 72.0263,
-95.5071

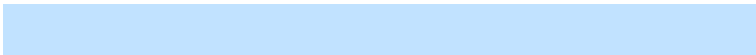
Harmonies

Analogous

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



216.5750, 14.5065, -32.9533



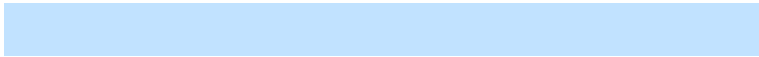
219.4390, 17.5316, -23.1870



222.1960, 16.1724, -7.1879

Triad

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



219.4390, 17.5316, -23.1870



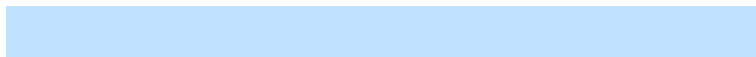
223.7970, -5.3229, 27.3650



217.8880, -10.2978, -10.4258

Complementary

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



219.4390, 17.5316, -23.1870



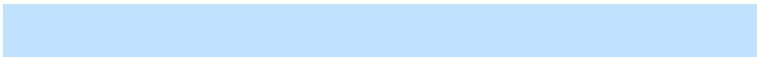
228.5610, -17.5316, 23.1870

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.



220.4940, -16.0195, 4.8288



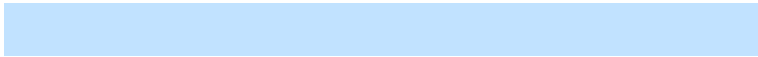
219.4390, 17.5316, -23.1870



223.8480, -12.7431, 27.3203

Square

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



219.4390, 17.5316, -23.1870



225.5390, 2.6923, 23.2063



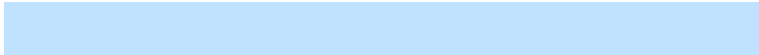
222.4680, -16.4997, 18.8836



216.6780, -1.8133, -25.1506

Rectangle

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



219.4390, 17.5316, -23.1870



223.7630, 12.9348, 4.5928



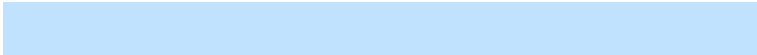
222.4680, -16.4997, 18.8836



218.9380, -12.7874, -5.2076

Sweetspot

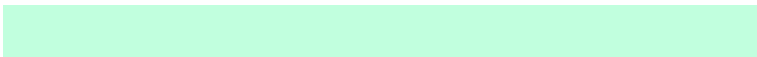
The Sweet Spot groups the original color and five complimentary colors.



219.4390, 17.5316, -23.1870



244.9220, 4.9685, -6.9476



232.7000, -5.2751, -34.8169



121.7760, 3.0684, -4.1886



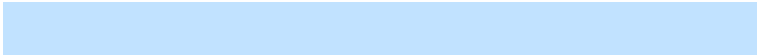
0.0000, 0.0000, 0.0000



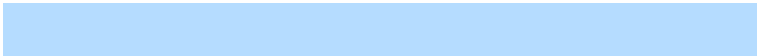
128.0000, 0.0000, 0.0000

Same Dimension

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



219.4390, 17.5316, -23.1870



212.3290, 21.0368, -27.4755



201.2420, 26.5027, -7.2282



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Inverse Universe

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



215.3000, 5.2751, 34.8169



207.5720, 6.1270, 41.5944



246.7580, -26.5027, 7.2282



119.6850, 1.1413, 7.2923



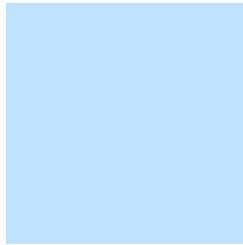
68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 219.4390, 17.5316, -23.1870 looks on a white background.

Color Contrast Check

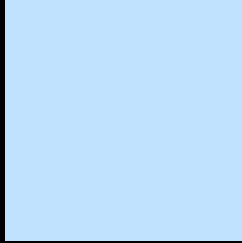
Large Text (above 18pt) WCAG AA × Fail

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 219.4390, 17.5316, -23.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

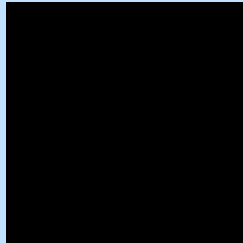
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

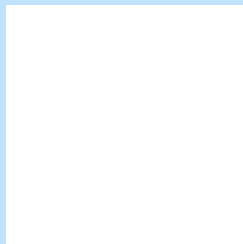
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.4390, 17.5316, -23.1870

Background



This preview shows how black text looks on a background with the YUV color 219.4390, 17.5316, -23.1870.



This preview shows how white text looks on a background with the YUV color 219.4390, 17.5316, -23.1870.

-23.1870.

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

219.4390, 17.5316, -23.1870

Protanopia

222.6370, 13.9830, -4.9436

Deuteranopia

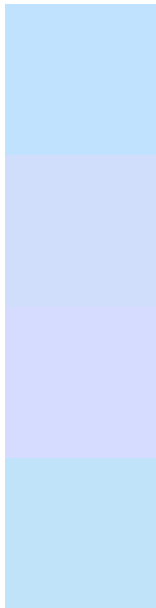
223.4360, 15.5611, 2.2486



Tritanopia

218.9890, 13.3164, -24.5464

Trichromacy



Original Color

219.4390, 17.5316, -23.1870

Protanomaly

221.2340, 15.1676, -11.6062

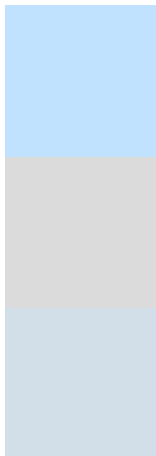
Deuteranomaly

222.1960, 16.1724, -7.1879

Tritanomaly

219.0430, 14.7688, -23.7167

Monochromacy



Original Color

219.4390, 17.5316, -23.1870

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.5520, 6.1369, -8.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.4390, 17.5316, -23.1870 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(193, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 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(193, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 255) }
```

Border

The CSS property to change the border of an element to YUV 219.4390, 17.5316, -23.1870 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(193, 226, 255) }
```


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

```
.border{ border-color:rgb(193, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 219.4390, 17.5316, -23.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 255) }
```

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

```
.background{ background-color: rgb(193,  
226, 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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