

Converting Colors

YUV(220.5140, 17.0016,
-39.9158)

Have a look what the booklet for
YUV(220.5140, 17.0016, -39.9158)
contains.

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Color

**YUV(220.5140, 17.0016,
-39.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	AFEDFF
RGB	175, 237, 255
RGB Percent	69%, 93%, 100%
CMY	0.3137, 0.0706, 0.0000
CMYK	0.31, 0.07, 0.00, 0.00
HSL	193°, 100%, 84%
HSV	193°, 31%, 100%
XYZ	66.0134, 76.9023, 105.9721
YIQ	220.5140, -42.7300, -7.5460

Conversions

Conversions Part 2

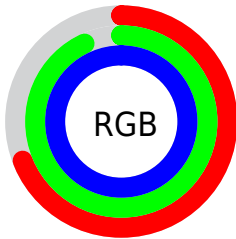
Format	Color
R _Y B	175, 210, 255
Decimal	11529727
CIE Lab	90.28, -15.30, -14.97
CIE LCh	90, 21.399, 224.376
Yxy	76.9023, 0.2652, 0.3090
Android (android.graphics.Color)	4289719807 (0xFFAFEDFF)
YUV	220.5140, 17.0016, -39.9158
Hunter-Lab	87.6940, -19.0950, -10.2621

Details

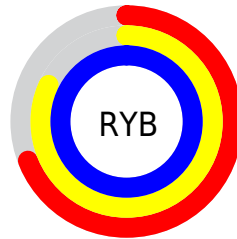
The YUV color $220.5140, 17.0016, -39.9158$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.4860, -17.0016, 39.9158$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $164.6990, 16.4174, -39.2010$ is the 20% darker color. If you saturate the color by 10%, you get $209.2180, 22.5705, -52.8112$, and if you desaturate by 10%, it is $231.8100, 11.4327, -27.0204$.

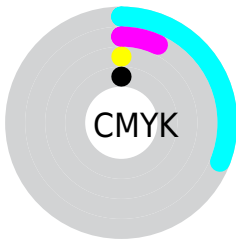
Distribution



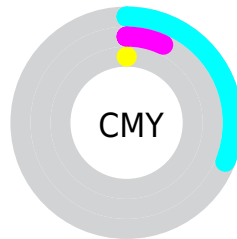
- Red (69%)
- Green (93%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.5140, 17.0016, -39.9158 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 220.5140, 17.0016, -39.9158 by changing the saturation by 10% instead.

220.5140, 17.0016,
-39.9158

220.5140, 17.0016,
-39.9158

255.0000, 0.0000,
0.0000

192.4000, 16.5648,
-39.8158

248.1230, 3.3904,
-14.1399

164.6990, 16.4174,
-39.2010

137.6990, 16.4174,
-39.2010

111.2860, 16.1280,
-39.7158

85.0900, 16.7176,
-42.1749

57.0890, 18.1971,
-50.0671

40.8520, 14.3700,

-35.8272

■ 25.4300, 11.1270,
-22.3021

■ 4.9530, 11.3622,
-4.3438

■ 220.5140, 17.0016,
-39.9158

■ 220.5140, 17.0016,
-39.9158

■ 209.2180, 22.5705,
-52.8112

■ 231.8100, 11.4327,
-27.0204

■ 198.8080, 27.7027,
-65.6066

■ 242.2200, 6.3005,
-14.2249

■ 187.5120, 33.2716,
-78.5020

■ 253.5160, 0.7316,
-1.3295

■ 176.5150, 38.6931,
-90.7827

■ 255.0000, 0.0000,
0.0000

■ 165.5180, 44.1146,
-103.0633

■ 154.8090, 49.3942,
-116.4735

■ 145.2960, 54.0841,
-127.4246

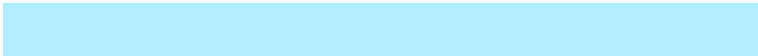
Harmonies

Analogous

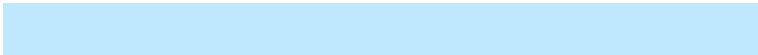
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.3370, 8.7079, -39.7605



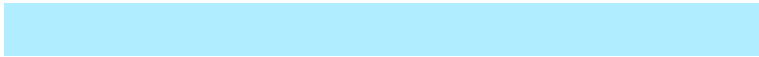
220.5140, 17.0016, -39.9158



222.3630, 16.0900, -27.5054

Triad

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



220.5140, 17.0016, -39.9158



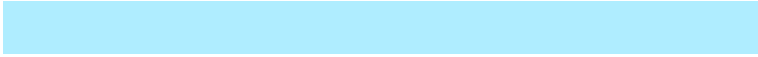
229.1090, 4.8763, 22.7064



225.4080, -18.9351, 6.6582

Complementary

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



220.5140, 17.0016, -39.9158



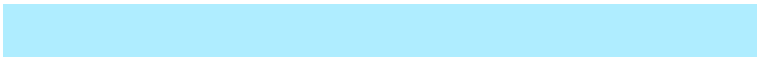
209.4860, -17.0016, 39.9158

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.



227.3930, -19.4207, 22.4573



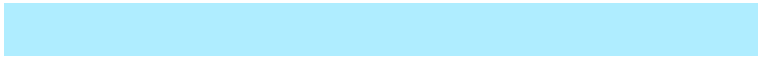
220.5140, 17.0016, -39.9158



226.1280, -4.0071, 25.3207

Square

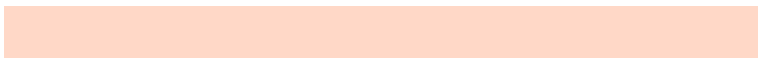
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



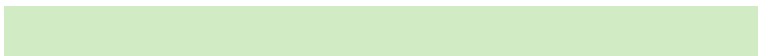
220.5140, 17.0016, -39.9158



230.2800, 12.1870, 11.1554



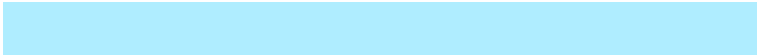
225.7230, -13.1744, 25.6759



222.8940, -12.7657, -12.1850

Rectangle

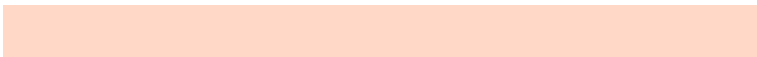
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



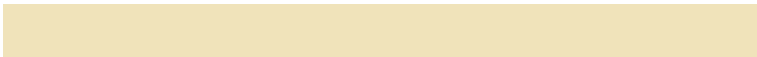
220.5140, 17.0016, -39.9158



225.0980, 14.7417, -14.9949



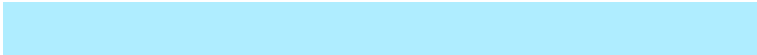
225.7230, -13.1744, 25.6759



226.2130, -19.8250, 12.0912

Sweetspot

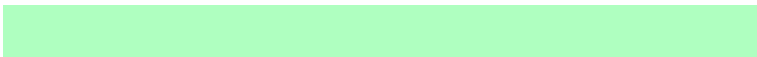
The Sweet Spot groups the original color and five complimentary colors.



220.5140, 17.0016, -39.9158



245.1880, 4.8373, -11.5659



223.8980, -15.7257, -42.8835



121.1670, 3.3687, -7.1625



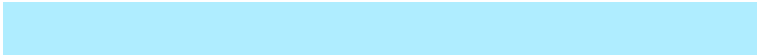
0.0000, 0.0000, 0.0000



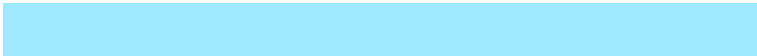
128.0000, 0.0000, 0.0000

Same Dimension

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



220.5140, 17.0016, -39.9158



213.0830, 20.6651, -48.3078



197.6210, 28.2878, -19.8386



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Inverse Universe

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



205.9880, 15.2889, 42.9835



195.5530, 18.4614, 52.1350



232.3790, -28.2878, 19.8386



120.0270, 2.4517, 6.9923



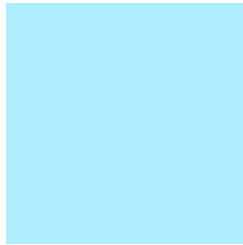
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 220.5140, 17.0016, -39.9158 looks on a white background.

Color Contrast Check

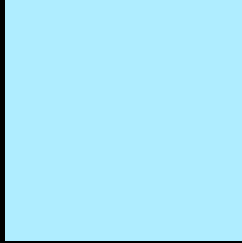
Large Text (above 18pt) WCAG AA × Fail

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 220.5140, 17.0016, -39.9158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

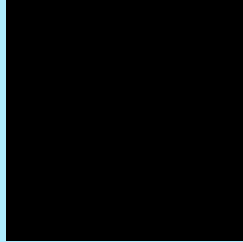
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.5140, 17.0016, -39.9158

Background



This preview shows how black text looks on a background with the YUV color 220.5140, 17.0016, -39.9158.



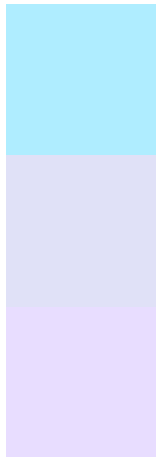
This preview shows how white text looks on a background with the YUV color 220.5140, 17.0016, -39.9158.

-39.9158.

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

220.5140, 17.0016, -39.9158

Protanopia

227.2090, 9.7570, -2.8143

Deuteranopia

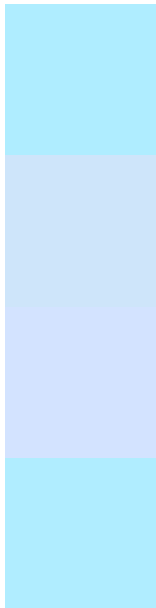
228.1650, 13.2297, 3.3633



Tritanopia

221.1120, 16.7068, -38.6862

Trichromacy



Original Color

220.5140, 17.0016, -39.9158

Protanomaly

224.5170, 12.5631, -16.2394

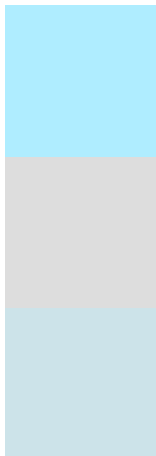
Deuteranomaly

225.4080, 14.5889, -12.6358

Tritanomaly

220.8130, 16.8542, -39.3010

Monochromacy



Original Color

220.5140, 17.0016, -39.9158

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8070, 6.0111, -14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.5140, 17.0016, -39.9158 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(175, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 237, 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(175, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 237, 255) }
```

Border

The CSS property to change the border of an element to YUV 220.5140, 17.0016, -39.9158 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(175, 237, 255) }
```


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

```
.border{ border-color:rgb(175, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(175, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 220.5140, 17.0016, -39.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 237, 255) }
```

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

```
.background{ background-color: rgb(175,  
237, 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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