

Converting Colors

YUV(226.4170, 14.0914,
-39.8307)

Have a look what the booklet for
YUV(226.4170, 14.0914, -39.8307)
contains.

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Color

**YUV(226.4170, 14.0914,
-39.8307)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F4FF
RGB	181, 244, 255
RGB Percent	71%, 96%, 100%
CMY	0.2902, 0.0431, 0.0000
CMYK	0.29, 0.04, 0.00, 0.00
HSL	189°, 100%, 85%
HSV	189°, 29%, 100%
XYZ	69.4567, 81.7451, 106.7254
YIQ	226.4170, -41.0790, -9.9350

Conversions

Conversions Part 2

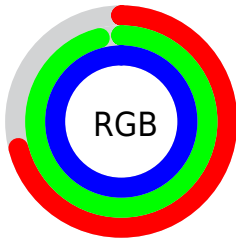
Format	Color
R _Y B	181, 215, 255
Decimal	11924735
CIE Lab	92.46, -17.15, -11.67
CIE LCh	92, 20.740, 214.229
Yxy	81.7451, 0.2693, 0.3169
Android (android.graphics.Color)	4290114815 (0xFFB5F4FF)
YUV	226.4170, 14.0914, -39.8307
Hunter-Lab	90.4130, -21.0962, -6.6980

Details

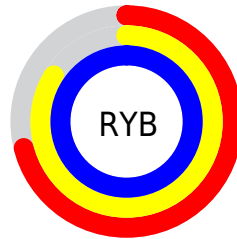
The YUV color $226.4170, 14.0914, -39.8307$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.5830, -14.0914, 39.8307$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $170.6020, 13.5072, -39.1160$ is the 20% darker color. If you saturate the color by 10%, you get $216.5940, 18.9342, -53.1409$, and if you desaturate by 10%, it is $236.5390, 9.1013, -25.9057$.

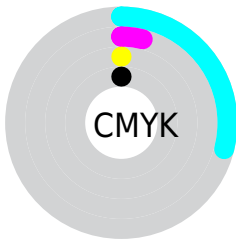
Distribution



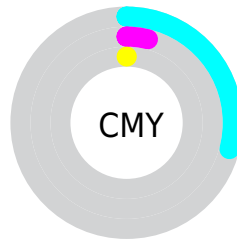
- Red (71%)
- Green (96%)
- Blue (100%)



- Red (71%)
- Yellow (84%)
- Blue (100%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.4170, 14.0914, -39.8307 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 226.4170, 14.0914, -39.8307 by changing the saturation by 10% instead.

■ 226.4170, 14.0914,
-39.8307

■ 226.4170, 14.0914,
-39.8307

255.0000, 0.0000,
0.0000

■ 198.3030, 13.6546,
-39.7307

■ 249.9170, 2.5059,
-10.4512

■ 170.6020, 13.5072,
-39.1160

■ 143.6020, 13.5072,
-39.1160

■ 116.7160, 13.9440,
-39.2159

■ 91.0040, 13.8020,
-40.3455

■ 63.0140, 15.2761,
-46.4933

■ 43.9010, 13.3598,

-38.5012

■ 28.3650, 9.6801,
-24.8761

■ 13.1710, 7.3107,
-11.5510

■ 226.4170, 14.0914,
-39.8307

■ 226.4170, 14.0914,
-39.8307

■ 216.5940, 18.9342,
-53.1409

■ 236.5390, 9.1013,
-25.9057

■ 206.4720, 23.9243,
-67.0659

■ 246.3620, 4.2585,
-12.5955

■ 197.2360, 28.4777,
-80.8910

■ 255.0000, 0.0000,
0.0000

■ 187.1140, 33.4678,
-94.8160

■ 177.2910, 38.3105,
-108.1262

■ 167.1690, 43.3007,
-122.0512

■ 157.3460, 48.1434,
-135.3614

■ 156.4490, 48.5856,
-137.2058

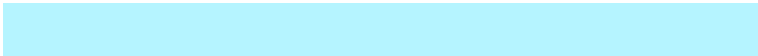
Harmonies

Analogous

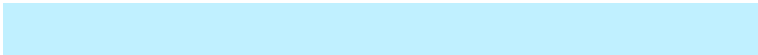
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.0340, 4.9132, -35.9868



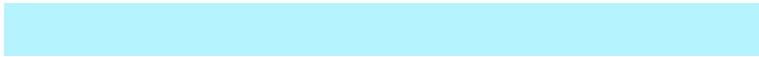
226.4170, 14.0914, -39.8307



227.3580, 13.6275, -31.0090

Triad

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



226.4170, 14.0914, -39.8307



235.1730, 7.8027, 17.3883



232.4410, -18.9514, 11.8912

Complementary

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



226.4170, 14.0914, -39.8307



209.5830, -14.0914, 39.8307

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.



231.4790, -16.5051, 20.6279



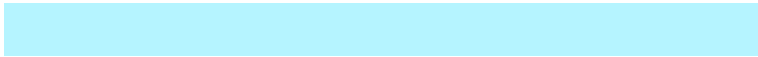
226.4170, 14.0914, -39.8307



231.7190, -0.3545, 20.4174

Square

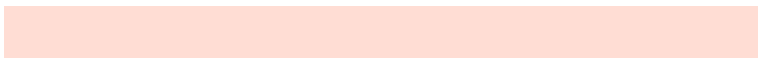
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.4170, 14.0914, -39.8307



234.3780, 10.1666, 5.8075



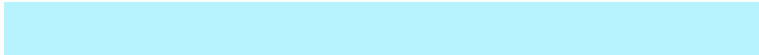
230.1400, -8.9430, 21.8022



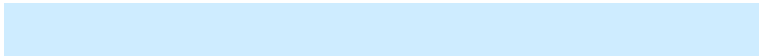
230.0690, -14.8240, -5.3225

Rectangle

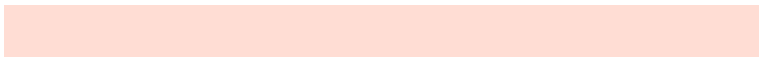
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.4170, 14.0914, -39.8307



229.1960, 12.7214, -20.3429



230.1400, -8.9430, 21.8022



233.3600, -19.4045, 17.2243

Sweetspot

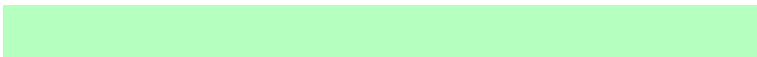
The Sweet Spot groups the original color and five complimentary colors.



226.4170, 14.0914, -39.8307



246.3620, 4.2585, -12.5955



225.5780, -17.0470, -39.0949



121.7540, 3.0793, -7.6773



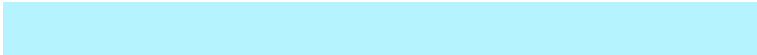
0.0000, 0.0000, 0.0000



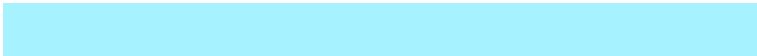
128.0000, 0.0000, 0.0000

Same Dimension

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



226.4170, 14.0914, -39.8307



220.7580, 16.8813, -48.0228



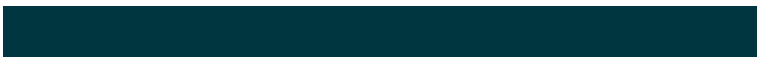
205.2850, 24.5095, -21.2979



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977

Inverse Universe

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



210.3080, 16.6102, 39.1949



201.2750, 20.0774, 47.1168



230.7150, -24.5095, 21.2979



120.1410, 2.8885, 6.8923



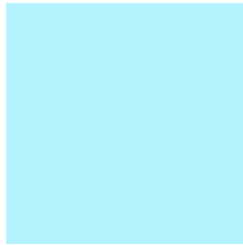
75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 226.4170, 14.0914, -39.8307 looks on a white background.

Color Contrast Check

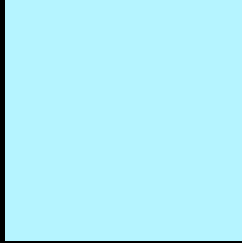
Large Text (above 18pt) WCAG AA × Fail

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 226.4170, 14.0914, -39.8307 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 226.4170, 14.0914, -39.8307

Background



This preview shows how black text looks on a background with the YUV color 226.4170, 14.0914, -39.8307.



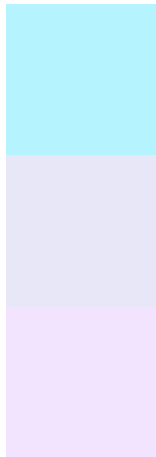
This preview shows how white text looks on a background with the YUV color 226.4170, 14.0914, -39.8307.

-39.8307.

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

226.4170, 14.0914, -39.8307

Protanopia

233.1230, 6.8414, -0.9849

Deuteranopia

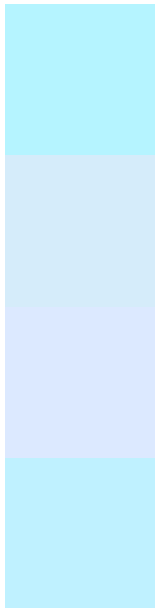
234.6770, 10.0192, 6.4223



Tritanopia

228.8530, 12.8905, -27.9351

Trichromacy



Original Color

226.4170, 14.0914, -39.8307

Protanomaly

230.7190, 9.5055, -15.5396

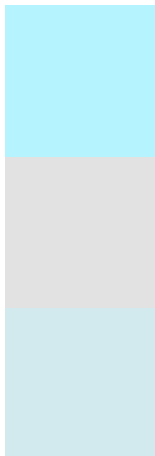
Deuteranomaly

231.6210, 11.5258, -10.1916

Tritanomaly

227.6460, 13.4855, -32.1385

Monochromacy



Original Color

226.4170, 14.0914, -39.8307

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.5790, 5.1376, -14.5398

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.4170, 14.0914, -39.8307 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(181, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 244, 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(181, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 244, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.4170, 14.0914, -39.8307 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(181, 244, 255) }
```


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

```
.border{ border-color:rgb(181, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 244,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.4170, 14.0914, -39.8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 244, 255) }
```

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

```
.background{ background-color: rgb(181,  
244, 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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