

Converting Colors

YUV(226.4390, 14.0806,
-36.3420)

Have a look what the booklet for
YUV(226.4390, 14.0806, -36.3420)
contains.

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Color

**YUV(226.4390, 14.0806,
-36.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F2FF
RGB	185, 242, 255
RGB Percent	73%, 95%, 100%
CMY	0.2745, 0.0510, 0.0000
CMYK	0.27, 0.05, 0.00, 0.00
HSL	191°, 100%, 86%
HSV	191°, 27%, 100%
XYZ	69.8097, 81.0385, 106.5704
YIQ	226.4390, -38.1450, -8.0410

Conversions

Conversions Part 2

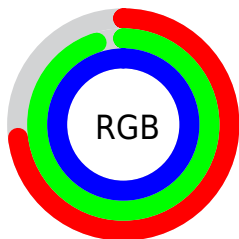
Format	Color
R _{YB}	185, 216, 255
Decimal	12186367
CIE _{Lab}	92.15, -15.03, -12.11
CIE _{LCh}	92, 19.306, 218.851
Yxy	81.0385, 0.2712, 0.3148
Android (android.graphics.Color)	4290376447 (0xFFB9F2FF)
YUV	226.4390, 14.0806, -36.3420
Hunter-Lab	90.0214, -19.1145, -7.1745

Details

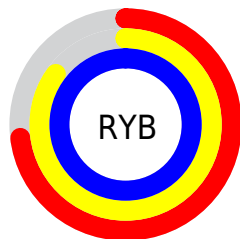
The YUV color **226.4390, 14.0806, -36.3420** is a light color, and the websafe version is hex **CCFFFF**, and the color name is **diamond**. A complement of this color would be **213.5610, -14.0806, 36.3420**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **170.6240, 13.4964, -35.6272** is the 20% darker color. If you saturate the color by 10%, you get **216.0290, 19.2127, -49.1374**, and if you desaturate by 10%, it is **237.1480, 8.8010, -22.9318**.

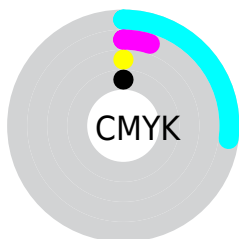
Distribution



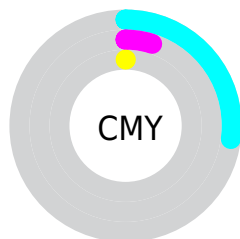
- Red (73%)
- Green (95%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.4390, 14.0806, -36.3420 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 226.4390, 14.0806, -36.3420 by changing the saturation by 10% instead.

■ 226.4390, 14.0806,
-36.3420

■ 226.4390, 14.0806,
-36.3420

255.0000, 0.0000,
0.0000

■ 198.3250, 13.6438,
-36.2420

■ 251.1130, 1.9163,
-7.9921

■ 170.6240, 13.4964,
-35.6272

■ 143.6240, 13.4964,
-35.6272

■ 117.6240, 13.4964,
-35.6272

■ 91.3250, 13.6438,
-36.2420

■ 65.7160, 13.9440,
-39.2159

■ 43.2000, 13.2124,

-37.8864

■ 27.7780, 9.9694,
-24.3613

■ 11.8830, 7.4527,
-10.4214

■ 226.4390, 14.0806,
-36.3420

■ 226.4390, 14.0806,
-36.3420

■ 216.0290, 19.2127,
-49.1374

■ 237.1480, 8.8010,
-22.9318

■ 205.9070, 24.2028,
-63.0624

■ 246.9710, 3.9583,
-9.6216

■ 195.1980, 29.4824,
-76.4726

■ 255.0000, 0.0000,
0.0000

■ 184.7880, 34.6145,
-89.2681

■ 174.0790, 39.8941,
-102.6783

■ 164.2560, 44.7368,
-115.9885

■ 153.8460, 49.8689,
-128.7839

■ 151.1660, 51.1902,
-132.5726

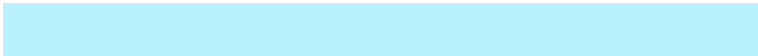
Harmonies

Analogous

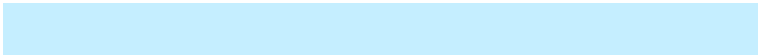
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.5720, 5.6340, -33.8276



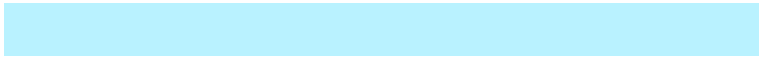
226.4390, 14.0806, -36.3420



227.6790, 13.4693, -26.9055

Triad

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



226.4390, 14.0806, -36.3420



234.0160, 5.9081, 18.4030



231.4730, -17.4882, 9.2322

Complementary

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



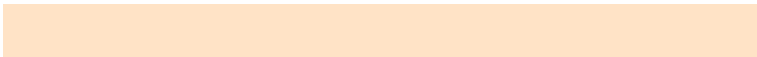
226.4390, 14.0806, -36.3420



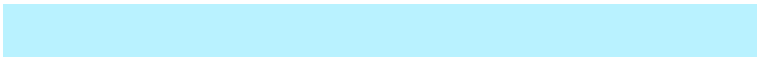
213.5610, -14.0806, 36.3420

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.



232.0660, -16.7945, 20.1131



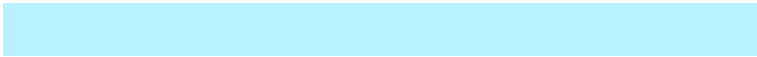
226.4390, 14.0806, -36.3420



231.2630, -2.1017, 20.8173

Square

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



226.4390, 14.0806, -36.3420



234.3890, 10.1612, 7.5518



230.4990, -10.1060, 21.4874



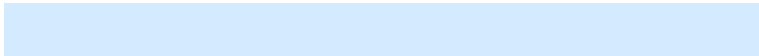
228.6280, -12.6346, -7.5668

Rectangle

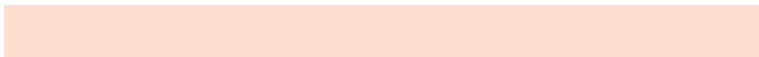
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



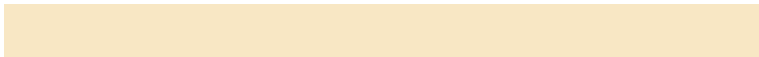
226.4390, 14.0806, -36.3420



229.5170, 12.5631, -16.2394



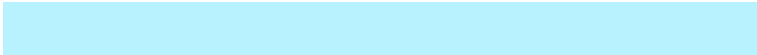
230.4990, -10.1060, 21.4874



232.0930, -17.7938, 13.9504

Sweetspot

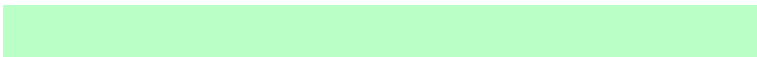
The Sweet Spot groups the original color and five complimentary colors.



226.4390, 14.0806, -36.3420



246.6720, 4.1057, -10.2363



227.5720, -14.5790, -37.3356



122.3520, 2.7845, -6.4477



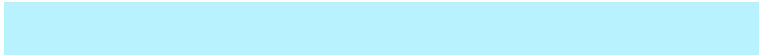
0.0000, 0.0000, 0.0000



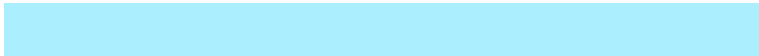
128.0000, 0.0000, 0.0000

Same Dimension

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



226.4390, 14.0806, -36.3420



220.4920, 17.0124, -43.4045



205.8940, 24.2093, -18.3240



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Inverse Universe

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



212.4280, 14.5790, 37.3356



203.8680, 17.3201, 44.8428



234.1060, -24.2093, 18.3240



120.0270, 2.4517, 6.9923



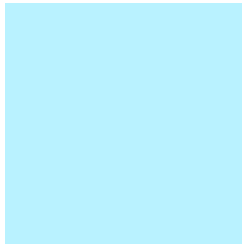
74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 226.4390, 14.0806, -36.3420 looks on a white background.

Color Contrast Check

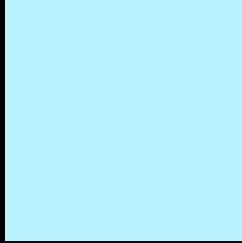
Large Text (above 18pt) WCAG AA × Fail

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 226.4390, 14.0806, -36.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

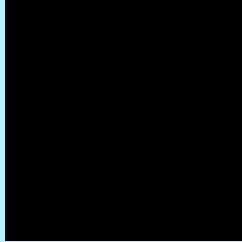
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.4390, 14.0806, -36.3420

Background



This preview shows how black text looks on a background with the YUV color 226.4390, 14.0806, -36.3420.



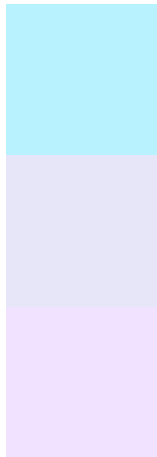
This preview shows how white text looks on a background with the YUV color 226.4390, 14.0806, -36.3420.

-36.3420.

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

226.4390, 14.0806, -36.3420

Protanopia

232.3510, 7.7150, -1.1848

Deuteranopia

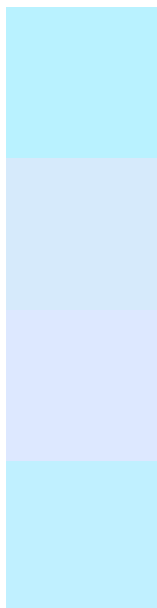
233.7910, 10.4560, 6.3223



Tritanopia

227.9670, 13.3273, -28.0351

Trichromacy



Original Color

226.4390, 14.0806, -36.3420

Protanomaly

229.9580, 10.3737, -13.9952

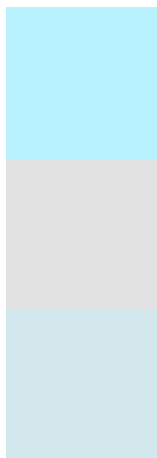
Deuteranomaly

231.3330, 11.6678, -9.0620

Tritanomaly

227.3580, 13.6275, -31.0090

Monochromacy



Original Color

226.4390, 14.0806, -36.3420

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2910, 5.2795, -13.4102

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.4390, 14.0806, -36.3420 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(185, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 242, 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(185, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.4390, 14.0806, -36.3420 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(185, 242, 255) }
```


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

```
.border{ border-color:rgb(185, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.4390, 14.0806, -36.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 242, 255) }
```

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

```
.background{ background-color: rgb(185,  
242, 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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