

Converting Colors

YUV(226.6960, 7.5449,
-40.0754)

Have a look what the booklet for
YUV(226.6960, 7.5449, -40.0754)
contains.

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Color

**YUV(226.6960, 7.5449,
-40.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F7F2
RGB	181, 247, 242
RGB Percent	71%, 97%, 95%
CMY	0.2902, 0.0314, 0.0510
CMYK	0.27, 0.00, 0.02, 0.03
HSL	175°, 80%, 84%
HSV	175°, 27%, 97%
XYZ	68.3438, 82.7561, 96.3758
YIQ	226.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

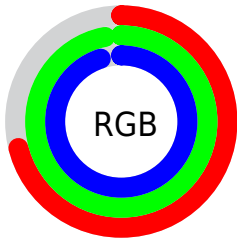
Format	Color
R_{YB}	181, 215, 247
Decimal	11925490
CIE Lab	92.91, -21.49, -4.26
CIE LCh	93, 21.903, 191.207
Yxy	82.7561, 0.2762, 0.3344
Android (android.graphics.Color)	4290115570 (0xFFB5F7F2)
YUV	226.6960, 7.5449, -40.0754
Hunter-Lab	90.9704, -25.0954, 0.8663

Details

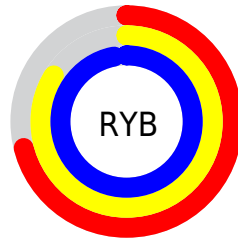
The YUV color **226.6960, 7.5449, -40.0754** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.3040, -7.5449, 40.0754**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, 2.5059, -10.4512**, and **170.4080, 7.6869, -38.9458** is the 20% darker color. If you saturate the color by 10%, you get **218.9930, 10.3565, -55.2449**, and if you desaturate by 10%, it is **234.3990, 4.7333, -24.9059**.

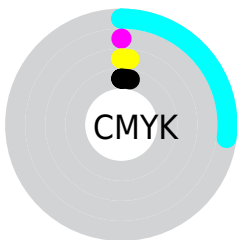
Distribution



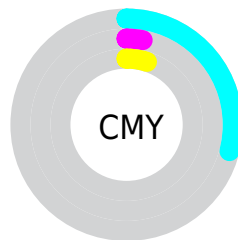
- Red (71%)
- Green (97%)
- Blue (95%)



- Red (71%)
- Yellow (84%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.6960, 7.5449, -40.0754 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 226.6960, 7.5449, -40.0754 by changing the saturation by 10% instead.

■ 226.6960, 7.5449,
-40.0754

■ 226.6960, 7.5449,
-40.0754

255.0000, 0.0000,
0.0000

■ 198.1090, 7.8343,
-39.5606

■ 249.9170, 2.5059,
-10.4512

■ 170.4080, 7.6869,
-38.9458

■ 143.4080, 7.6869,
-38.9458

■ 117.4080, 7.6869,
-38.9458

■ 91.2230, 8.2711,
-39.6606

■ 65.1300, 9.3029,
-43.9640

■ 43.8210, 7.9762,

-38.4310

■ 28.5130, 5.1701,
-25.0059

■ 13.2050, 2.3639,
-11.5808

■ 226.6960, 7.5449,
-40.0754

■ 226.6960, 7.5449,
-40.0754

■ 218.9930, 10.3565,
-55.2449

■ 234.3990, 4.7333,
-24.9059

■ 211.5890, 13.0206,
-69.7996

■ 241.8030, 2.0691,
-10.3512

■ 203.8860, 15.8322,
-84.9690

■ 249.5060, -0.7425,
4.8182

■ 196.2970, 19.0806,
-100.2385

■ 249.6200, -0.3057,
4.7183

■ 188.8930, 21.7448,
-114.7932

■ 249.8480, 0.5679,
4.5183

■ 181.1900, 24.5563,
-129.9626

■ 250.0760, 1.4415,
4.3183

■ 173.4870, 27.3679,
-145.1321

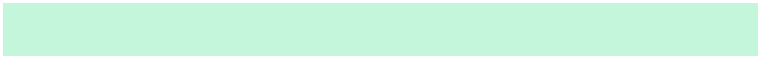
■ 250.3040, 2.3151,
4.1184

■ 170.9810, 28.1104,
-149.9503

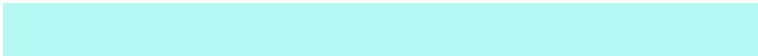
Harmonies

Analogous

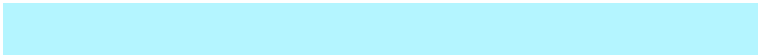
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.0860, -3.9864, -28.1394



226.6960, 7.5449, -40.0754



226.7050, 13.9494, -40.9603

Triad

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



226.6960, 7.5449, -40.0754



236.4710, 9.1348, 10.1109



232.8980, -18.6837, 19.3835

Complementary

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



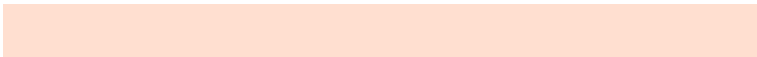
226.6960, 7.5449, -40.0754



201.3040, -7.5449, 40.0754

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.



230.8580, -11.2690, 21.1725



226.6960, 7.5449, -40.0754



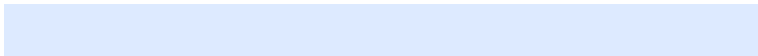
234.3580, 7.2185, 18.1030

Square

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



226.6960, 7.5449, -40.0754



232.5070, 11.0890, -10.0916



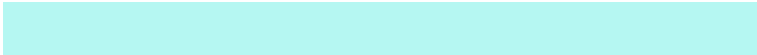
231.2630, -2.1017, 20.8173



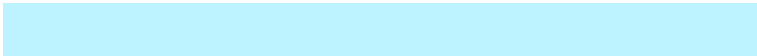
233.1910, -19.8142, 8.6025

Rectangle

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



226.6960, 7.5449, -40.0754



227.6350, 13.4909, -33.8829



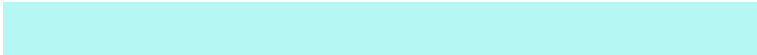
231.2630, -2.1017, 20.8173



232.0660, -16.7945, 20.1131

Sweetspot

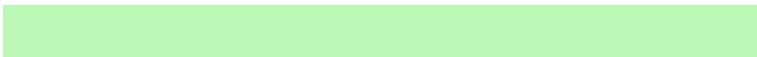
The Sweet Spot groups the original color and five complimentary colors.



226.6960, 7.5449, -40.0754



248.7920, 2.0745, -12.0956



221.5360, -19.9842, -30.2881



123.9990, 1.4795, -7.8921



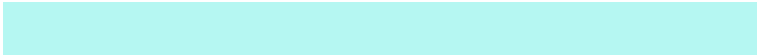
0.0000, 0.0000, 0.0000



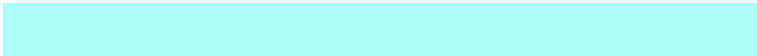
128.0000, 0.0000, 0.0000

Same Dimension

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



226.6960, 7.5449, -40.0754



229.7980, 9.4666, -49.8118



211.4170, 17.5424, -26.6757



118.2980, 1.3321, -7.2773



128.7900, 21.3025, -112.9488



40.7890, 6.5130, -35.7720

Inverse Universe

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



201.3040, -7.5449, 40.0754



198.3160, -9.0298, 49.7119



217.1700, -17.8318, 26.1609



113.7020, -1.3321, 7.2773



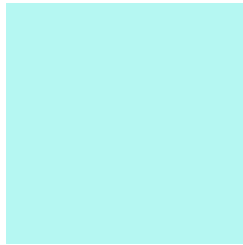
57.2100, -21.3025, 112.9488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 226.6960, 7.5449, -40.0754 looks on a white background.

Color Contrast Check

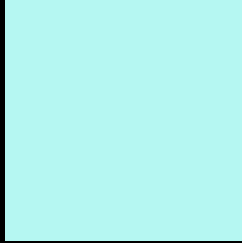
Large Text (above 18pt) WCAG AA × Fail

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 226.6960, 7.5449, -40.0754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

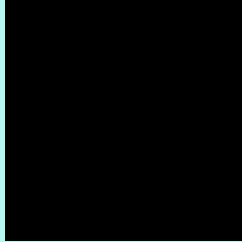
Any Text WCAG AA ✓ Pass

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 226.6960, 7.5449, -40.0754 Background



This preview shows how black text looks on a background with the YUV color 226.6960, 7.5449, -40.0754.



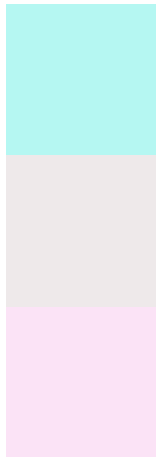
This preview shows how white text looks on a background with the YUV color 226.6960, 7.5449, -40.0754.

-40.0754.

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

226.6960, 7.5449, -40.0754

Protanopia

234.6090, -0.3002, 2.9739

Deuteranopia

236.3420, 4.7614, 12.8551



Tritanopia

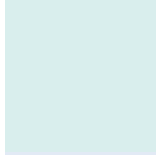
230.6360, 12.0115, -25.9908

Trichromacy



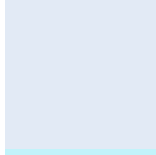
Original Color

226.6960, 7.5449, -40.0754



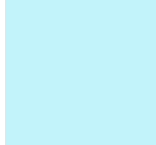
Protanomaly

231.6070, 2.6587, -12.8103



Deuteranomaly

232.8620, 5.9840, -6.0180



Tritanomaly

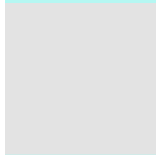
229.1470, 10.2805, -30.8239

Monochromacy



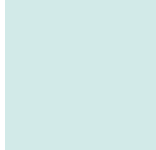
Original Color

226.6960, 7.5449, -40.0754



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.5960, 2.6642, -14.5547

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.6960, 7.5449, -40.0754 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, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 247, 242)  
}
```

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, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 247, 242) }
```

Border

The CSS property to change the border of an element to YUV 226.6960, 7.5449, -40.0754 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, 247, 242) }
```


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

```
.border{ border-color:rgb(181, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 247,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 226.6960, 7.5449, -40.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 247, 242) }
```

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

```
.background{ background-color: rgb(181,  
247, 242) }
```

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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