

Converting Colors

YUV(231.1360, 6.8350,
-45.7233)

Have a look what the booklet for
YUV(231.1360, 6.8350, -45.7233)
contains.

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Color

**YUV(231.1360, 6.8350,
-45.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFF5
RGB	179, 255, 245
RGB Percent	70%, 100%, 96%
CMY	0.2980, 0.0000, 0.0392
CMYK	0.30, 0.00, 0.04, 0.00
HSL	172°, 100%, 85%
HSV	172°, 30%, 100%
XYZ	70.8318, 87.6963, 99.5800
YIQ	231.1360, -42.0860, -19.2220

Conversions

Conversions Part 2

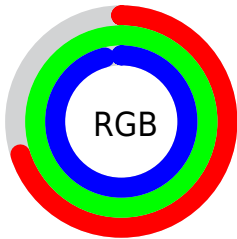
Format	Color
RYB	179, 220, 255
Decimal	11796469
CIELab	95.03, -25.28, -2.70
CIElCh	95, 25.419, 186.092
Yxy	87.6963, 0.2744, 0.3398
Android (android.graphics.Color)	4289986549 (0xFFB3FFF5)
YUV	231.1360, 6.8350, -45.7233
Hunter-Lab	93.6463, -28.8678, 2.5056

Details

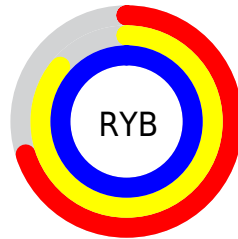
The YUV color $231.1360, 6.8350, -45.7233$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $202.8640, -6.8350, 45.7233$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $174.8480, 6.9769, -44.5937$ is the 20% darker color. If you saturate the color by 10%, you get $223.0200, 9.3571, -61.4075$, and if you desaturate by 10%, it is $238.9530, 4.4602, -30.6538$.

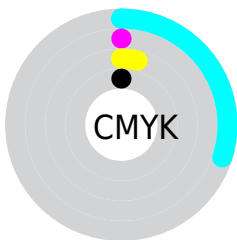
Distribution



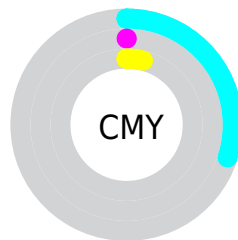
- Red (70%)
- Green (100%)
- Blue (96%)



- Red (70%)
- Yellow (86%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.1360, 6.8350, -45.7233 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 231.1360, 6.8350, -45.7233 by changing the saturation by 10% instead.

231.1360, 6.8350,
-45.7233

231.1360, 6.8350,
-45.7233

255.0000, 0.0000,
0.0000

202.5490, 7.1243,
-45.2085

249.6180, 2.6533,
-11.0660

174.8480, 6.9769,
-44.5937

147.5490, 7.1243,
-45.2085

120.6630, 7.5611,
-45.3085

94.0650, 7.8560,
-46.5380

64.6940, 10.5039,
-55.8596

47.6850, 7.5503,

-41.8197

■ 31.6760, 4.5967,
-27.7799

■ 18.2430, 1.3592,
-15.9991

■ 231.1360, 6.8350,
-45.7233

■ 231.1360, 6.8350,
-45.7233

■ 223.0200, 9.3571,
-61.4075

■ 238.9530, 4.4602,
-30.6538

■ 215.0890, 11.2951,
-76.3771

■ 247.1830, 2.3748,
-15.0695

■ 206.9730, 13.8173,
-92.0613

255.0000, 0.0000,
0.0000

■ 199.1560, 16.1921,
-107.1308

■ 190.9260, 18.2775,
-122.7151

■ 183.1090, 20.6523,
-137.7846

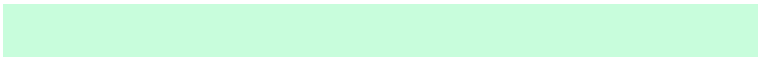
■ 174.9930, 23.1745,
-153.4689

■ 174.8790, 22.7377,
-153.3689

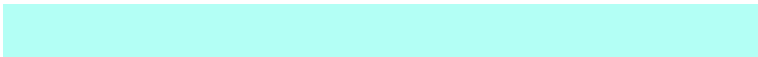
Harmonies

Analogous

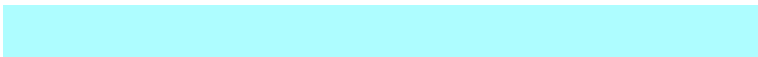
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3910, -6.6018, -29.2839



231.1360, 6.8350, -45.7233



229.6070, 12.5187, -48.7673

Triad

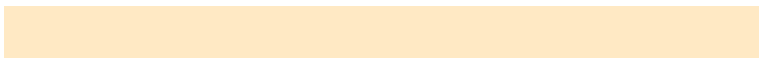
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.1360, 6.8350, -45.7233



240.8900, 6.9562, 8.8665



235.3600, -19.4045, 17.2243

Complementary

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



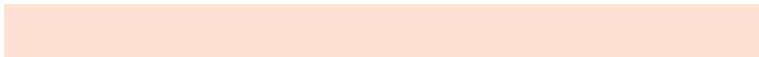
231.1360, 6.8350, -45.7233



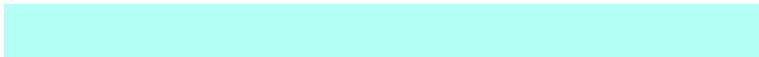
202.8640, -6.8350, 45.7233

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.



233.1890, -9.9532, 19.1282



231.1360, 6.8350, -45.7233



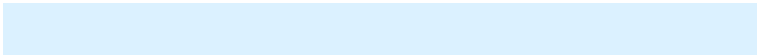
237.9770, 8.3923, 14.9292

Square

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



231.1360, 6.8350, -45.7233



236.0180, 9.3581, -14.9248



234.0500, 0.9614, 18.3732



239.6000, -23.4668, 13.5058

Rectangle

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



231.1360, 6.8350, -45.7233



230.8250, 11.9183, -42.8195



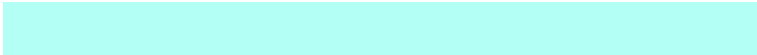
234.0500, 0.9614, 18.3732



234.1690, -16.3523, 18.2688

Sweetspot

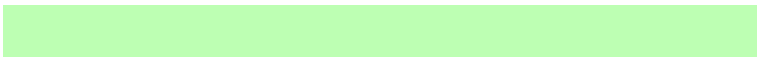
The Sweet Spot groups the original color and five complimentary colors.



231.1360, 6.8350, -45.7233



247.7810, 2.0800, -13.8399



226.6020, -23.4678, -32.9770



123.2870, 1.3375, -9.0217



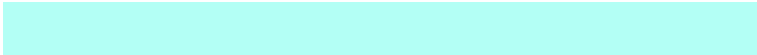
0.0000, 0.0000, 0.0000



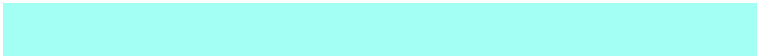
128.0000, 0.0000, 0.0000

Same Dimension

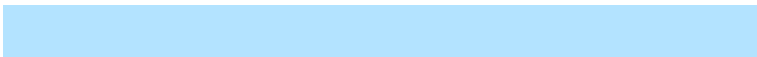
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.1360, 6.8350, -45.7233



226.1240, 8.3199, -55.3597



215.8400, 19.3059, -32.3087



123.8850, 1.0427, -7.7921



131.0410, 17.2348, -114.9230



43.8380, 5.5029, -38.4459

Inverse Universe

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



202.8640, -6.8350, 45.7233



191.8760, -8.3199, 55.3597



218.1600, -19.3059, 32.3087



119.0010, -1.4795, 7.8921



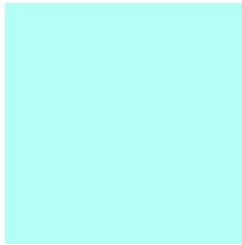
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 231.1360, 6.8350, -45.7233 looks on a white background.

Color Contrast Check

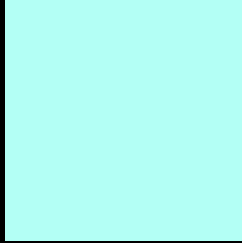
Large Text (above 18pt) WCAG AA × Fail

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 231.1360, 6.8350, -45.7233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

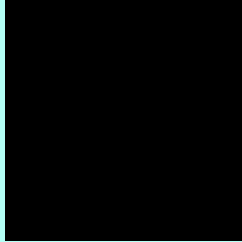
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.1360, 6.8350, -45.7233

Background



This preview shows how black text looks on a background with the YUV color 231.1360, 6.8350, -45.7233.



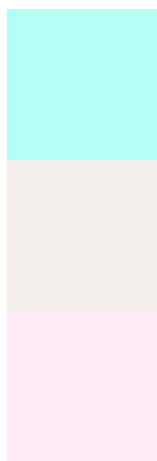
This preview shows how white text looks on a background with the YUV color 231.1360, 6.8350, -45.7233.

-45.7233.

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

231.1360, 6.8350, -45.7233

Protanopia

240.4520, -2.1948, 3.9886

Deuteranopia

241.8750, 3.0196, 11.5106



Tritanopia

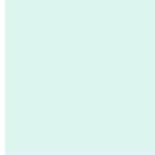
237.4690, 8.6428, -18.8283

Trichromacy



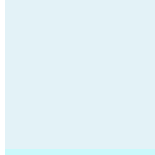
Original Color

231.1360, 6.8350, -45.7233



Protanomaly

237.1400, 0.9170, -14.1548



Deuteranomaly

238.0850, 4.3951, -9.7215



Tritanomaly

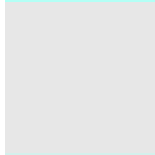
235.4740, 7.6543, -28.4797

Monochromacy



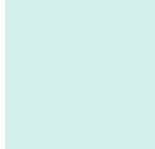
Original Color

231.1360, 6.8350, -45.7233



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.1720, 2.3802, -16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.1360, 6.8350, -45.7233 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(179, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 245)  
}
```

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(179, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 245) }
```

Border

The CSS property to change the border of an element to YUV 231.1360, 6.8350, -45.7233 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(179, 255, 245) }
```


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

```
.border{ border-color:rgb(179, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(179, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 231.1360, 6.8350, -45.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 245) }
```

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

```
.background{ background-color: rgb(179,  
255, 245) }
```

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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