

Converting Colors

YUV(223.0440, -13.8257,
-45.6426)

Have a look what the booklet for
YUV(223.0440, -13.8257, -45.6426)
contains.

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Color

**YUV(223.0440, -13.8257,
-45.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFFC3
RGB	171, 255, 195
RGB Percent	67%, 100%, 76%
CMY	0.3294, 0.0000, 0.2353
CMYK	0.33, 0.00, 0.24, 0.00
HSL	137°, 100%, 84%
HSV	137°, 33%, 100%
XYZ	62.4049, 84.1181, 64.5771
YIQ	223.0440, -30.8040, -36.4680

Conversions

Conversions Part 2

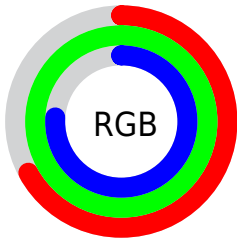
Format	Color
RYB	171, 236, 255
Decimal	11272131
CIELab	93.50, -37.42, 20.76
CIELCh	94, 42.790, 150.977
Yxy	84.1181, 0.2956, 0.3985
Android (android.graphics.Color)	4289462211 (0xFFABFFC3)
YUV	223.0440, -13.8257, -45.6426
Hunter-Lab	91.7159, -39.0487, 22.4551

Details

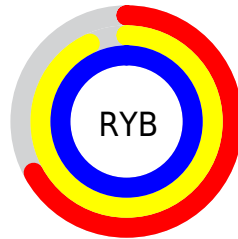
The YUV color **223.0440, -13.8257, -45.6426** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **202.9560, 13.8257, 45.6426**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5850, 2.6696, -16.2990**, and **166.9840, -12.8101, -44.7130** is the 20% darker color. If you saturate the color by 10%, you get **213.5170, -18.0029, -59.2124**, and if you desaturate by 10%, it is **232.5710, -9.6485, -32.0728**.

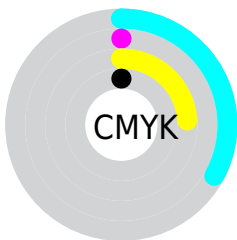
Distribution



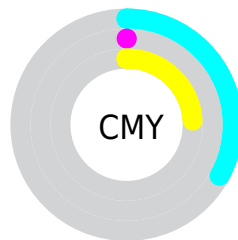
- Red (67%)
- Green (100%)
- Blue (76%)



- Red (67%)
- Yellow (93%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.0440, -13.8257, -45.6426 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 223.0440, -13.8257, -45.6426 by changing the saturation by 10% instead.

■ 223.0440,
-13.8257, -45.6426

■ 223.0440,
-13.8257, -45.6426

255.0000, 0.0000,
0.0000

■ 194.5710,
-13.0995, -45.2278

■ 246.5850, 2.6696,
-16.2990

■ 166.9840,
-12.8101, -44.7130

■ 139.5110,
-12.0839, -44.2981

■ 112.5540,
-10.6261, -45.2129

■ 85.8850, -9.3103,
-47.2571

■ 59.0200, -7.4049,
-51.7605

■ 42.4240, -10.0690,

-37.2058

■ 26.4150, -13.0226,
-23.1660

■ 12.3270, -6.0772,
-10.8108

■ 223.0440,
-13.8257, -45.6426

■ 223.0440,
-13.8257, -45.6426

■ 213.5170,
-18.0029, -59.2124

■ 232.5710, -9.6485,
-32.0728

■ 203.6910,
-22.0327, -73.3970

■ 242.3970, -5.6187,
-17.8882

■ 194.0500,
-26.6467, -86.8669

■ 252.3370, -1.1521,
-3.8035

■ 184.2240,
-30.6764, -101.0514

■ 255.0000, 0.0000,
0.0000

■ 174.6970,
-34.8536, -114.6213

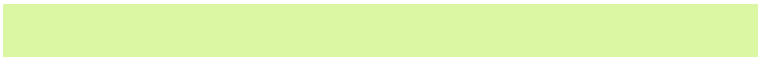
■ 164.8710,
-38.8834, -128.8059

■ 158.0070,
-41.9085, -138.5721

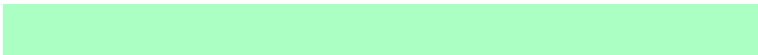
Harmonies

Analogous

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



229.4650, -32.2742, -8.3008



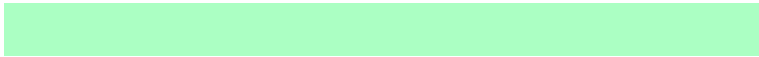
223.0440, -13.8257, -45.6426



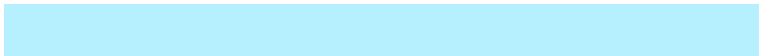
213.0670, 11.3060, -79.8658

Triad

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



223.0440, -13.8257, -45.6426



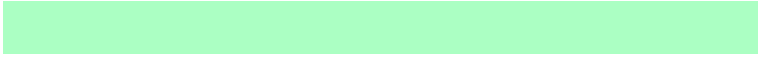
224.3680, 15.1016, -37.1567



221.2720, -12.4591, 29.5795

Complementary

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



223.0440, -13.8257, -45.6426



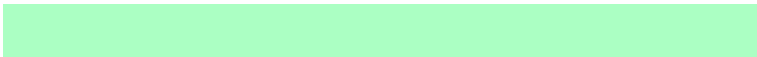
202.9560, 13.8257, 45.6426

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.



223.5980, 6.6072, 27.5396



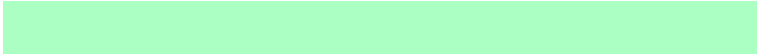
223.0440, -13.8257, -45.6426



233.8020, 10.4506, 8.0666

Square

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



223.0440, -13.8257, -45.6426



211.9880, 21.2049, -81.5505



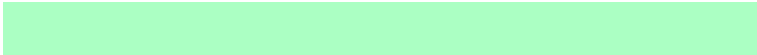
229.7590, 12.4438, 22.1364



224.1950, -29.1831, 27.0160

Rectangle

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



223.0440, -13.8257, -45.6426



207.4590, 23.4377, -97.7495



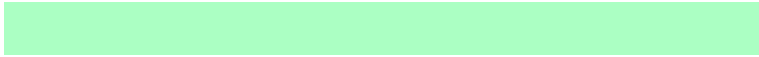
229.7590, 12.4438, 22.1364



220.9930, -5.9125, 29.8241

Sweetspot

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



223.0440, -13.8257, -45.6426



245.4730, -4.1772, -13.5698



238.2480, -33.1533, -6.3565



121.9620, -2.4463, -8.7367



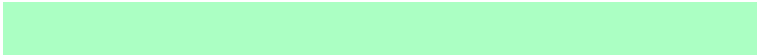
0.0000, 0.0000, 0.0000



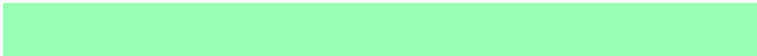
128.0000, 0.0000, 0.0000

Same Dimension

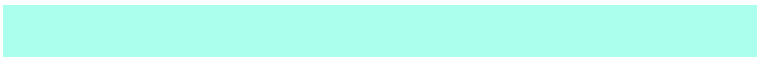
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.0440, -13.8257, -45.6426



216.1800, -16.8507, -55.4089



227.8320, 4.5198, -49.8417



122.9730, -2.4517, -6.9923



118.3870, -31.2498, -103.8254



39.6200, -10.6587, -34.7467

Inverse Universe

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



202.9560, 13.8257, 45.6426



191.8200, 16.8507, 55.4089



198.1680, -4.5198, 49.8417



119.9130, 2.0149, 7.0923



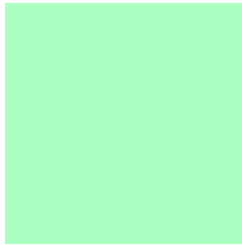
72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 223.0440, -13.8257, -45.6426 looks on a white background.

Color Contrast Check

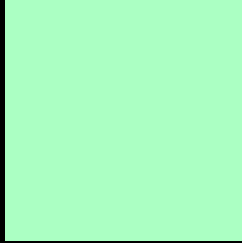
Large Text (above 18pt) WCAG AA × Fail

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 223.0440, -13.8257, -45.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

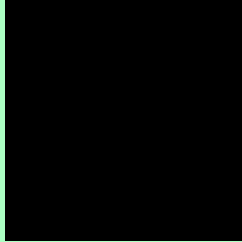
Any Text WCAG AA ✓ Pass

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 223.0440, -13.8257, -45.6426 Background



This preview shows how black text looks on a background with the YUV color 223.0440, -13.8257, -45.6426.



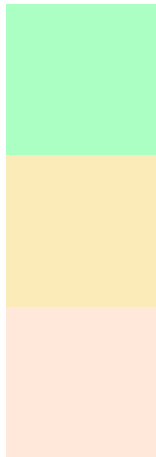
This preview shows how white text looks on a background with the YUV color 223.0440, -13.8257, -45.6426.

-45.6426.

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

223.0440, -13.8257, -45.6426

Protanopia

233.7850, -24.0510, 14.2206

Deuteranopia

236.6940, -9.2161, 16.0544



Tritanopia

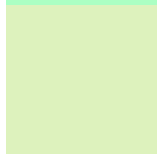
232.4190, 11.1324, -24.0465

Trichromacy



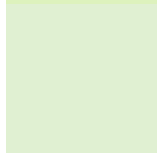
Original Color

223.0440, -13.8257, -45.6426



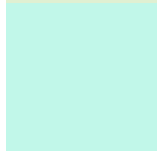
Protanomaly

229.6790, -20.0547, -7.6115



Deuteranomaly

231.7960, -10.7454, -6.8371



Tritanomaly

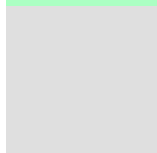
229.2580, 1.8448, -31.7983

Monochromacy



Original Color

223.0440, -13.8257, -45.6426



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.2230, -5.0399, -16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.0440, -13.8257, -45.6426 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(171, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 195)  
}
```

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(171, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 195) }
```

Border

The CSS property to change the border of an element to YUV 223.0440, -13.8257, -45.6426 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(171, 255, 195) }
```


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

```
.border{ border-color:rgb(171, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 223.0440, -13.8257, -45.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 195) }
```

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

```
.background{ background-color: rgb(171,  
255, 195) }
```

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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