

Converting Colors

YUV(222.4740, -16.0097,
-45.1427)

Have a look what the booklet for
YUV(222.4740, -16.0097, -45.1427)
contains.

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Color

**YUV(222.4740, -16.0097,
-45.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFFBE
RGB	171, 255, 190
RGB Percent	67%, 100%, 75%
CMY	0.3294, 0.0000, 0.2549
CMYK	0.33, 0.00, 0.25, 0.00
HSL	134°, 100%, 84%
HSV	134°, 33%, 100%
XYZ	61.8489, 83.8956, 61.6489
YIQ	222.4740, -29.1990, -38.0230

Conversions

Conversions Part 2

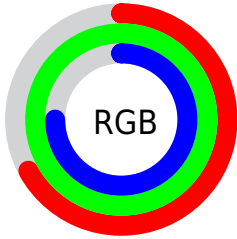
Format	Color
RYB	171, 240, 255
Decimal	11272126
CIELab	93.41, -38.29, 23.17
CIElCh	93, 44.760, 148.821
Yxy	83.8956, 0.2982, 0.4045
Android (android.graphics.Color)	4289462206 (0xFFABFFBE)
YUV	222.4740, -16.0097, -45.1427
Hunter-Lab	91.5946, -39.7591, 24.2103

Details

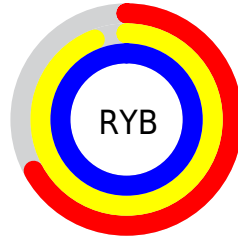
The YUV color **222.4740, -16.0097, -45.1427** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **203.5260, 16.0097, 45.1427**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0150, 0.4856, -15.7992**, and **166.4140, -14.9941, -44.2131** is the 20% darker color. If you saturate the color by 10%, you get **212.7190, -21.0605, -58.5126**, and if you desaturate by 10%, it is **232.2290, -10.9589, -31.7728**.

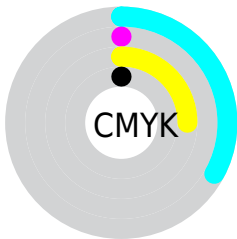
Distribution



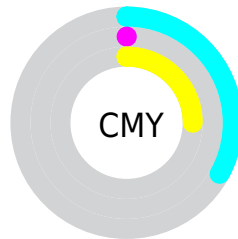
- Red (67%)
- Green (100%)
- Blue (75%)



- Red (67%)
- Yellow (94%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4740, -16.0097, -45.1427 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 222.4740, -16.0097, -45.1427 by changing the saturation by 10% instead.

■ 222.4740,
-16.0097, -45.1427

■ 222.4740,
-16.0097, -45.1427

255.0000, 0.0000,
0.0000

■ 194.0010,
-15.2835, -44.7279

■ 246.0150, 0.4856,
-15.7992

■ 166.4140,
-14.9941, -44.2131

■ 139.0550,
-13.8311, -43.8982

■ 111.9840,
-12.8101, -44.7130

■ 85.3150, -11.4943,
-46.7573

■ 58.5640, -9.1521,
-51.3606

■ 41.9680, -11.8162,

-36.8059

■ 26.4150, -13.0226,
-23.1660

■ 11.7400, -5.7878,
-10.2960

■ 222.4740,
-16.0097, -45.1427

■ 222.4740,
-16.0097, -45.1427

■ 212.7190,
-21.0605, -58.5126

■ 232.2290,
-10.9589, -31.7728

■ 202.7790,
-25.5270, -72.5972

■ 242.1690, -6.4923,
-17.6882

■ 193.0240,
-30.5778, -85.9670

■ 252.2230, -1.5889,
-3.7036

■ 182.9700,
-35.4812, -99.9517

255.0000, 0.0000,
0.0000

■ 173.2150,
-40.5320, -113.3216

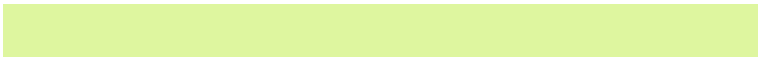
■ 163.2750,
-44.9986, -127.4062

■ 156.2970,
-48.4604, -137.0725

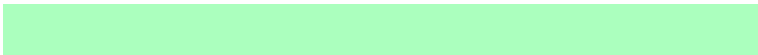
Harmonies

Analogous

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



228.9060, -34.4637, -6.0566



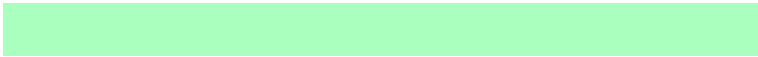
222.4740, -16.0097, -45.1427



211.2300, 10.7326, -82.6397

Triad

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



222.4740, -16.0097, -45.1427



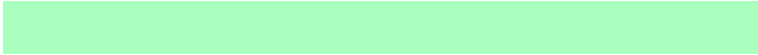
222.2640, 16.1388, -43.2045



219.6250, -11.1541, 31.0239

Complementary

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



222.4740, -16.0097, -45.1427



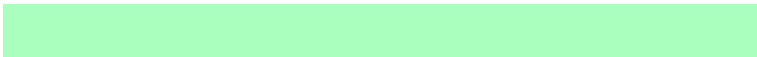
203.5260, 16.0097, 45.1427

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.



222.6520, 8.0596, 28.3692



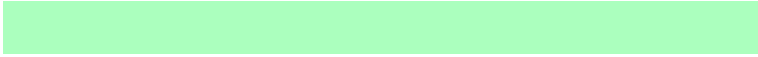
222.4740, -16.0097, -45.1427



233.1930, 10.7509, 5.0927

Square

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



222.4740, -16.0097, -45.1427



208.0900, 23.1266, -91.2869



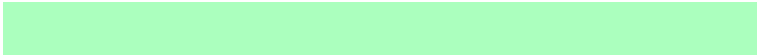
229.1720, 12.7332, 22.6512



222.9070, -29.0412, 28.1456

Rectangle

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



222.4740, -16.0097, -45.1427



204.1700, 25.0592, -104.5121



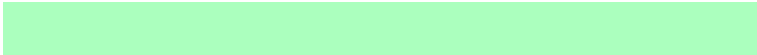
229.1720, 12.7332, 22.6512



219.9330, -4.8970, 30.7538

Sweetspot

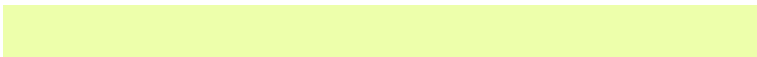
The Sweet Spot groups the original color and five complimentary colors.



222.4740, -16.0097, -45.1427



245.2450, -5.0508, -13.3699



240.0420, -34.0377, -2.6678



121.8480, -2.8831, -8.6367



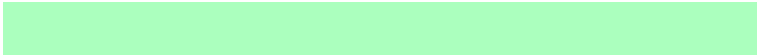
0.0000, 0.0000, 0.0000



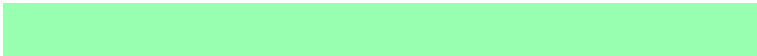
128.0000, 0.0000, 0.0000

Same Dimension

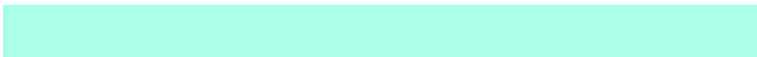
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.4740, -16.0097, -45.1427



215.4960, -19.4715, -54.8090



227.1480, 1.8990, -49.2418



122.9730, -2.4517, -6.9923



117.0190, -36.4914, -102.6257



39.1640, -12.4059, -34.3468

Inverse Universe

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



203.5260, 16.0097, 45.1427



192.5040, 19.4715, 54.8090



198.8520, -1.8990, 49.2418



120.0270, 2.4517, 6.9923



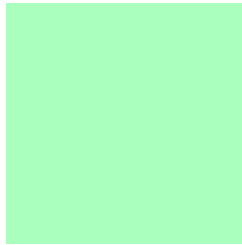
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 222.4740, -16.0097, -45.1427 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 222.4740, -16.0097, -45.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

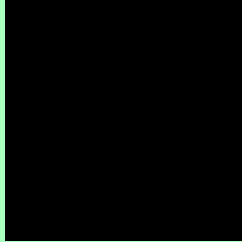
Any Text WCAG AA ✓ Pass

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 222.4740, -16.0097, -45.1427 Background



This preview shows how black text looks on a background with the YUV color 222.4740, -16.0097, -45.1427.



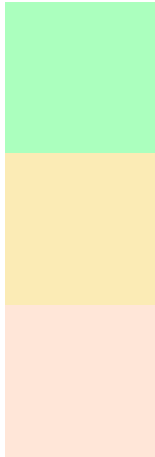
This preview shows how white text looks on a background with the YUV color 222.4740, -16.0097, -45.1427.

-45.1427.

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

222.4740, -16.0097, -45.1427

Protanopia

233.6280, -25.9456, 15.2352

Deuteranopia

235.8790, -9.8003, 16.7691



Tritanopia

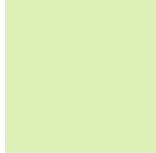
232.1200, 11.2798, -24.6612

Trichromacy



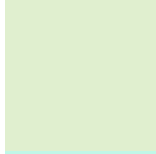
Original Color

222.4740, -16.0097, -45.1427



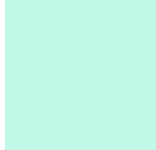
Protanomaly

229.4080, -22.3861, -6.4968



Deuteranomaly

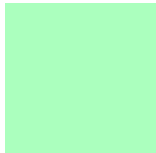
230.8670, -11.7664, -6.0224



Tritanomaly

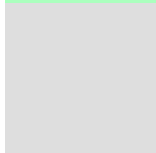
228.7310, 1.1186, -32.2131

Monochromacy



Original Color

222.4740, -16.0097, -45.1427



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.9950, -5.9135, -16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4740, -16.0097, -45.1427 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 190) }
```

Border

The CSS property to change the border of an element to YUV 222.4740, -16.0097, -45.1427 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, 190) }
```


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

```
.border{ border-color:rgb(171, 255, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 255, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 255, 190); box-shadow:4px 4px 4px 4px rgb(171, 255, 190) }
```

Background

The CSS property to change the background color of an element to YUV 222.4740, -16.0097, -45.1427 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, 190) }
```

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

```
.background{ background-color: rgb(171,  
255, 190) }
```

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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