

Converting Colors

YUV(228.4150, 0.2884,
-45.9680)

Have a look what the booklet for
YUV(228.4150, 0.2884, -45.9680)
contains.

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Color

**YUV(228.4150, 0.2884,
-45.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FFE5
RGB	176, 255, 229
RGB Percent	69%, 100%, 90%
CMY	0.3098, 0.0000, 0.1020
CMYK	0.31, 0.00, 0.10, 0.00
HSL	160°, 100%, 85%
HSV	160°, 31%, 100%
XYZ	67.8074, 86.4072, 87.2332
YIQ	228.4150, -38.7380, -24.8340

Conversions

Conversions Part 2

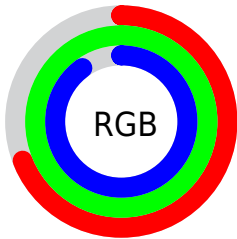
Format	Color
RYB	176, 223, 255
Decimal	11599845
CIELab	94.49, -29.46, 4.74
CIElCh	94, 29.844, 170.861
Yxy	86.4072, 0.2808, 0.3579
Android (android.graphics.Color)	4289789925 (0xFFB0FFE5)
YUV	228.4150, 0.2884, -45.9680
Hunter-Lab	92.9555, -32.4634, 9.4287

Details

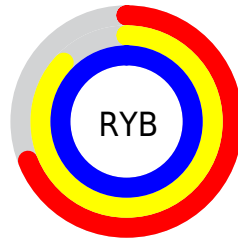
The YUV color $228.4150, 0.2884, -45.9680$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $202.5850, -0.2884, 45.9680$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $172.2410, 0.8672, -44.9384$ is the 20% darker color. If you saturate the color by 10%, you get $219.7290, 0.6266, -61.1523$, and if you desaturate by 10%, it is $237.1010, -0.0498, -30.7836$.

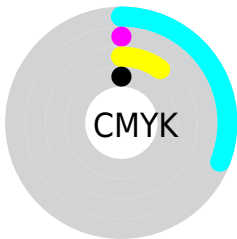
Distribution



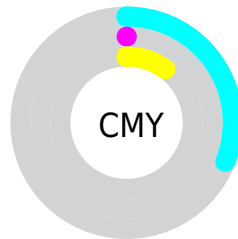
- Red (69%)
- Green (100%)
- Blue (90%)



- Red (69%)
- Yellow (87%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4150, 0.2884, -45.9680 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 228.4150, 0.2884, -45.9680 by changing the saturation by 10% instead.

■ 228.4150, 0.2884,
-45.9680

■ 228.4150, 0.2884,
-45.9680

255.0000, 0.0000,
0.0000

■ 199.8280, 0.5778,
-45.4532

■ 248.4220, 3.2430,
-13.5251

■ 172.2410, 0.8672,
-44.9384

■ 144.6540, 1.1566,
-44.4236

■ 118.3550, 1.3040,
-45.0383

■ 91.8710, 2.0356,
-46.3679

■ 62.9130, 4.9729,
-55.1747

■ 46.2030, 1.8719,

-40.5200

■ 30.3080, -0.6448,
-26.5801

■ 14.5440, -5.1982,
-12.7551

■ 228.4150, 0.2884,
-45.9680

■ 228.4150, 0.2884,
-45.9680

■ 219.7290, 0.6266,
-61.1523

■ 237.1010, -0.0498,
-30.7836

■ 211.2280, 0.3806,
-75.6220

■ 245.6020, 0.1962,
-16.3140

■ 202.5420, 0.7188,
-90.8063

■ 254.2880, -0.1420,
-1.1296

■ 194.0410, 0.4728,
-105.2760

■ 255.0000, 0.0000,
0.0000

■ 185.6540, 0.6636,
-119.8456

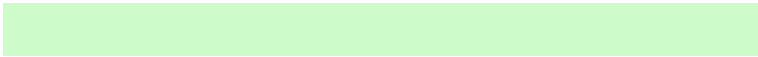
■ 176.9680, 1.0018,
-135.0299

■ 169.1790, 0.8978,
-148.3700

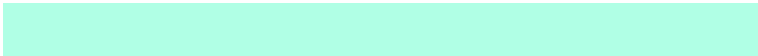
Harmonies

Analogous

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



231.9590, -14.7698, -22.7660



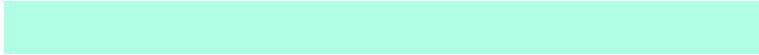
228.4150, 0.2884, -45.9680



225.9970, 14.2985, -59.6334

Triad

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



228.4150, 0.2884, -45.9680



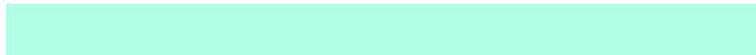
236.3830, 9.1782, -3.8439



230.6640, -17.0894, 21.3427

Complementary

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



228.4150, 0.2884, -45.9680



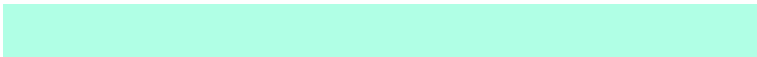
202.5850, -0.2884, 45.9680

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.



229.8780, -4.8699, 22.0320



228.4150, 0.2884, -45.9680



237.3900, 8.6817, 15.4440

Square

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



228.4150, 0.2884, -45.9680



230.0050, 12.3225, -32.4534



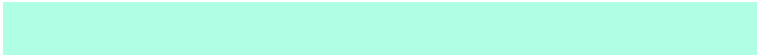
233.1840, 7.7973, 19.1326



234.4650, -25.3722, 18.0092

Rectangle

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



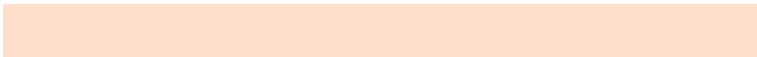
228.4150, 0.2884, -45.9680



224.8230, 14.8773, -58.6038



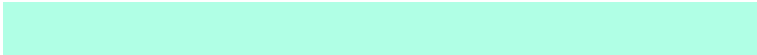
233.1840, 7.7973, 19.1326



230.2880, -13.4530, 21.6724

Sweetspot

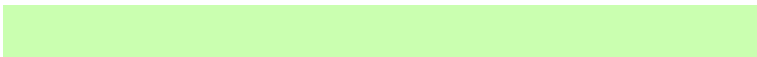
The Sweet Spot groups the original color and five complimentary colors.



228.4150, 0.2884, -45.9680



247.2110, -0.1040, -13.3400



230.1470, -26.6945, -24.6849



122.9450, 0.0271, -8.7218



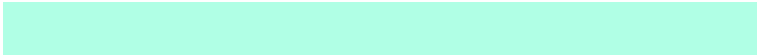
0.0000, 0.0000, 0.0000



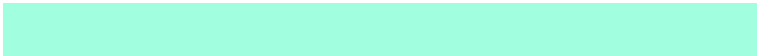
128.0000, 0.0000, 0.0000

Same Dimension

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



228.4150, 0.2884, -45.9680



223.3600, 0.3155, -54.6897



223.7480, 15.4072, -41.8750



123.5430, -0.2677, -7.4922



126.7090, 0.6365, -111.1238



42.4700, 0.2613, -37.2462

Inverse Universe

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



202.5850, -0.2884, 45.9680



192.6400, -0.3155, 54.6897



207.2520, -15.4072, 41.8750



119.3430, -0.1691, 7.5922



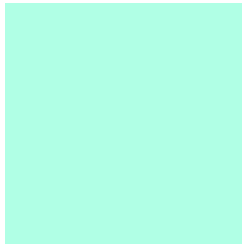
64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 228.4150, 0.2884, -45.9680 looks on a white background.

Color Contrast Check

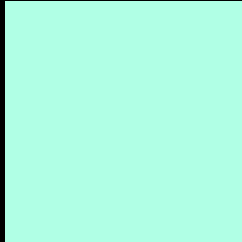
Large Text (above 18pt) WCAG AA × Fail

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 228.4150, 0.2884, -45.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

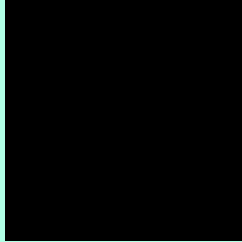
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

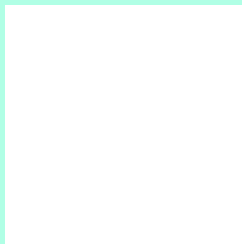
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.4150, 0.2884, -45.9680

Background



This preview shows how black text looks on a background with the YUV color 228.4150, 0.2884, -45.9680.



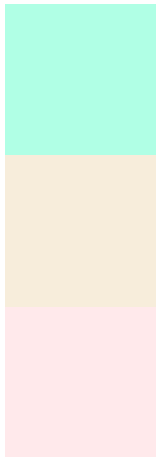
This preview shows how white text looks on a background with the YUV color 228.4150, 0.2884,

-45.9680.

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

228.4150, 0.2884, -45.9680

Protanopia

237.9380, -9.3364, 7.9474

Deuteranopia

239.8060, -2.3694, 13.3251



Tritanopia

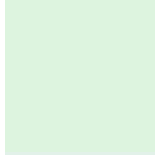
235.6860, 9.5218, -20.7726

Trichromacy



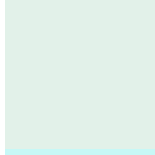
Original Color

228.4150, 0.2884, -45.9680



Protanomaly

234.7290, -5.7824, -12.0403



Deuteranomaly

235.6030, -1.2833, -8.4218



Tritanomaly

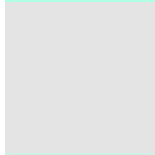
233.1210, 6.3493, -29.9241

Monochromacy



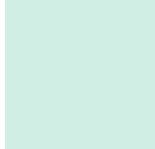
Original Color

228.4150, 0.2884, -45.9680



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.1890, -0.0932, -16.8288

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4150, 0.2884, -45.9680 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(176, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 229)  
}
```

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(176, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 229) }
```

Border

The CSS property to change the border of an element to YUV 228.4150, 0.2884, -45.9680 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(176, 255, 229) }
```


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

```
.border{ border-color:rgb(176, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 228.4150, 0.2884, -45.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 229) }
```

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

```
.background{ background-color: rgb(176,  
255, 229) }
```

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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