

Converting Colors

YUV(228.6580, 5.0986,
-48.8121)

Have a look what the booklet for
YUV(228.6580, 5.0986, -48.8121)
contains.

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Color

**YUV(228.6580, 5.0986,
-48.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFEF
RGB	173, 255, 239
RGB Percent	68%, 100%, 94%
CMY	0.3216, 0.0000, 0.0627
CMYK	0.32, 0.00, 0.06, 0.00
HSL	168°, 100%, 84%
HSV	168°, 32%, 100%
XYZ	68.5736, 86.6362, 94.7696
YIQ	228.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

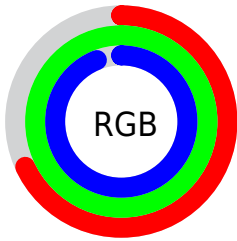
Format	Color
RYB	173, 218, 255
Decimal	11403247
CIELab	94.58, -28.21, -0.29
CIELCh	95, 28.210, 180.598
Yxy	86.6362, 0.2743, 0.3466
Android (android.graphics.Color)	4289593327 (0xFFADFFEF)
YUV	228.6580, 5.0986, -48.8121
Hunter-Lab	93.0786, -31.3816, 4.7878

Details

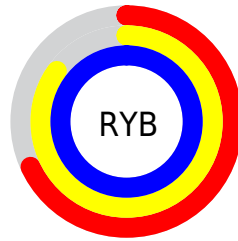
The YUV color **228.6580, 5.0986, -48.8121** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **199.3420, -5.0986, 48.8121**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, 3.5378, -14.7546**, and **172.0710, 5.3880, -48.2973** is the 20% darker color. If you saturate the color by 10%, you get **220.3140, 6.7472, -64.2964**, and if you desaturate by 10%, it is **237.0020, 3.4500, -33.3278**.

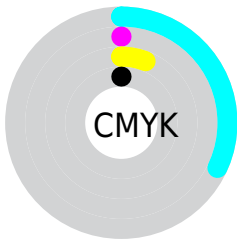
Distribution



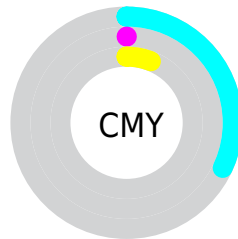
- Red (68%)
- Green (100%)
- Blue (94%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 228.6580, 5.0986, -48.8121 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 228.6580, 5.0986, -48.8121 by changing the saturation by 10% instead.


 228.6580, 5.0986,
-48.8121


 228.6580, 5.0986,
-48.8121

255.0000, 0.0000,
0.0000

 200.0710, 5.3880,
-48.2973


 247.8240, 3.5378,
-14.7546

 172.0710, 5.3880,
-48.2973

 145.0710, 5.3880,
-48.2973

 117.8860, 5.9722,
-49.0120

 90.8040, 6.9986,
-51.5711

 63.8250, 8.4673,
-55.9745

 47.1150, 5.3663,

-41.3199

■ 31.2200, 2.8495,
-27.3799

■ 16.4990, -0.2460,
-14.4696

■ 228.6580, 5.0986,
-48.8121

■ 228.6580, 5.0986,
-48.8121

■ 220.3140, 6.7472,
-64.2964

■ 237.0020, 3.4500,
-33.3278

■ 212.2690, 8.2484,
-79.1659

■ 245.0470, 1.9488,
-18.4582

■ 204.2240, 9.7496,
-94.0354

■ 253.3910, 0.3002,
-2.9739

■ 195.8800, 11.3982,
-109.5198

■ 255.0000, 0.0000,
0.0000

■ 187.8350, 12.8993,
-124.3893

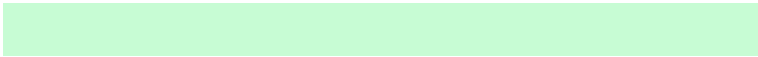
■ 179.4910, 14.5479,
-139.8736

■ 173.0550, 15.7489,
-151.7692

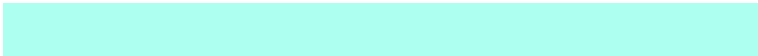
Harmonies

Analogous

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



231.5930, -9.6593, -28.5841



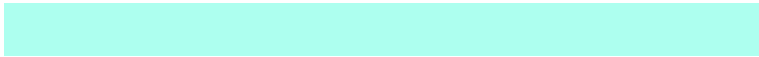
228.6580, 5.0986, -48.8121



226.9050, 13.8508, -56.0447

Triad

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



228.6580, 5.0986, -48.8121



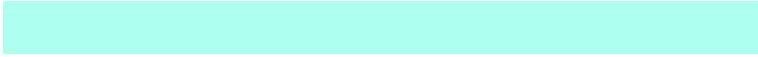
238.5090, 8.1301, 5.6926



232.6700, -19.5573, 19.5834

Complementary

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



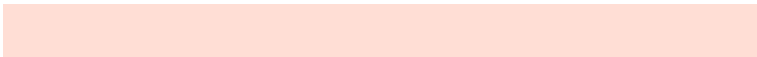
228.6580, 5.0986, -48.8121



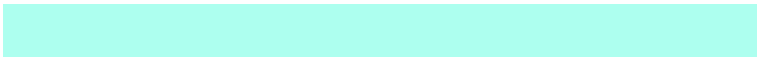
199.3420, -5.0986, 48.8121

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.



230.8410, -8.7956, 21.1874



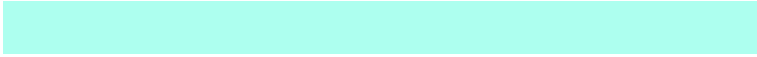
228.6580, 5.0986, -48.8121



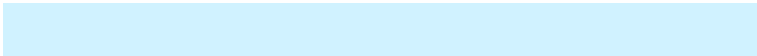
236.8030, 8.9711, 15.9588

Square

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



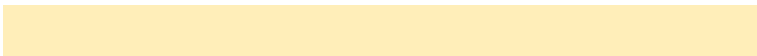
228.6580, 5.0986, -48.8121



233.3160, 10.6902, -22.2021



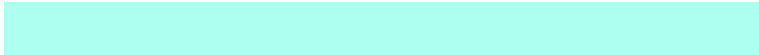
232.7450, 3.5767, 19.5176



237.0410, -25.6562, 15.7500

Rectangle

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



228.6580, 5.0986, -48.8121



226.9380, 13.8346, -50.8116



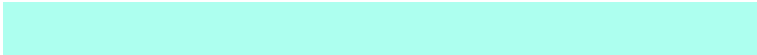
232.7450, 3.5767, 19.5176



231.4790, -16.5051, 20.6279

Sweetspot

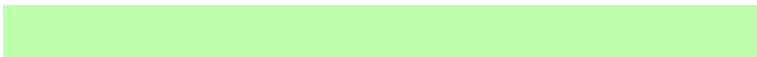
The Sweet Spot groups the original color and five complimentary colors.



228.6580, 5.0986, -48.8121



246.9550, 1.5012, -14.8695



225.9180, -26.0886, -32.3771



122.8740, 1.0481, -9.5365



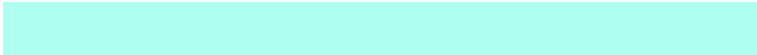
0.0000, 0.0000, 0.0000



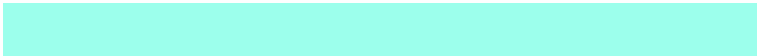
128.0000, 0.0000, 0.0000

Same Dimension

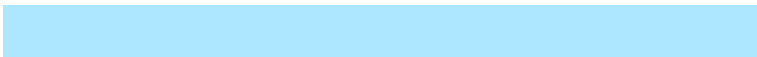
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.6580, 5.0986, -48.8121



223.2330, 6.2941, -58.9633



215.8070, 19.3221, -37.5417



123.7710, 0.6059, -7.6922



129.6730, 11.9932, -113.7232



43.3820, 3.7557, -38.0460

Inverse Universe

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



199.3420, -5.0986, 48.8121



187.7670, -6.2941, 58.9633



212.1930, -19.3221, 37.5417



119.1150, -1.0427, 7.7921



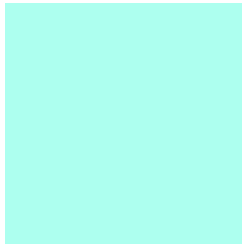
61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 228.6580, 5.0986, -48.8121 looks on a white background.

Color Contrast Check

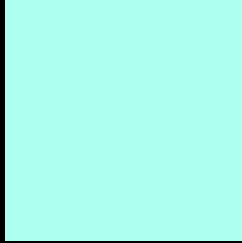
Large Text (above 18pt) WCAG AA × Fail

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 228.6580, 5.0986, -48.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

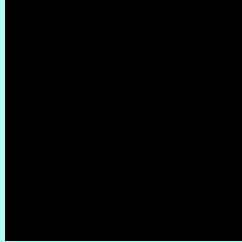
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.6580, 5.0986, -48.8121

Background



This preview shows how black text looks on a background with the YUV color 228.6580, 5.0986, -48.8121.



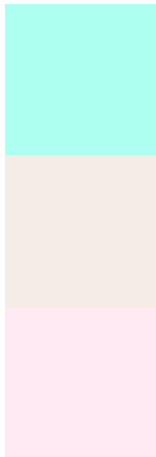
This preview shows how white text looks on a background with the YUV color 228.6580, 5.0986, -48.8121.

-48.8121.

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

228.6580, 5.0986, -48.8121

Protanopia

238.4800, -4.6736, 5.7180

Deuteranopia

240.7180, 1.1250, 12.5253



Tritanopia

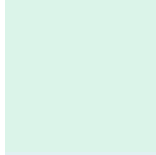
235.6860, 9.5218, -20.7726

Trichromacy



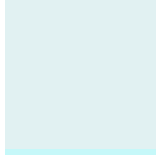
Original Color

228.6580, 5.0986, -48.8121



Protanomaly

235.2710, -1.1196, -14.2697



Deuteranomaly

236.3300, 2.7953, -9.9364



Tritanomaly

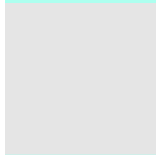
233.1640, 7.8071, -30.8388

Monochromacy



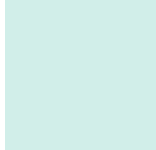
Original Color

228.6580, 5.0986, -48.8121



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.7590, 2.0908, -17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.6580, 5.0986, -48.8121 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(173, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 239)  
}
```

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(173, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 239) }
```

Border

The CSS property to change the border of an element to YUV 228.6580, 5.0986, -48.8121 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(173, 255, 239) }
```


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

```
.border{ border-color:rgb(173, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 228.6580, 5.0986, -48.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 239) }
```

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

```
.background{ background-color: rgb(173,  
255, 239) }
```

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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