

Converting Colors

YUV(229.0200, 12.8081,
-48.2525)

Have a look what the booklet for
YUV(229.0200, 12.8081, -48.2525)
contains.

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Color

**YUV(229.0200, 12.8081,
-48.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFCFF
RGB	174, 252, 255
RGB Percent	68%, 99%, 100%
CMY	0.3176, 0.0118, 0.0000
CMYK	0.32, 0.01, 0.00, 0.00
HSL	182°, 100%, 84%
HSV	182°, 32%, 100%
XYZ	70.3160, 85.8395, 107.4704
YIQ	229.0200, -47.4510, -15.6030

Conversions

Conversions Part 2

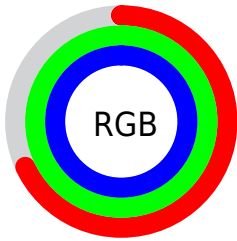
Format	Color
RYB	174, 214, 255
Decimal	11468031
CIELab	94.24, -22.98, -9.06
CIELCh	94, 24.697, 201.512
Yxy	85.8395, 0.2667, 0.3256
Android (android.graphics.Color)	4289658111 (0xFFAEFCFF)
YUV	229.0200, 12.8081, -48.2525
Hunter-Lab	92.6496, -26.6651, -3.9197

Details

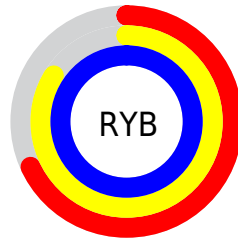
The YUV color $229.0200, 12.8081, -48.2525$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $199.9800, -12.8081, 48.2525$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $172.3190, 12.6607, -47.6378$ is the 20% darker color. If you saturate the color by 10%, you get $220.6590, 16.9301, -63.7219$, and if you desaturate by 10%, it is $237.3810, 8.6862, -32.7831$.

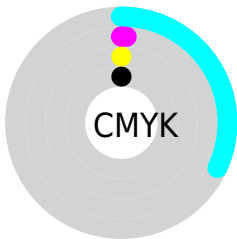
Distribution



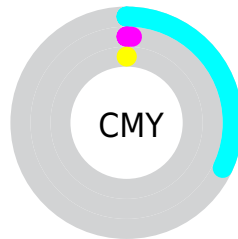
- Red (68%)
- Green (99%)
- Blue (100%)



- Red (68%)
- Yellow (84%)
- Blue (100%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.0200, 12.8081, -48.2525 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 229.0200, 12.8081, -48.2525 by changing the saturation by 10% instead.

■ 229.0200, 12.8081,
-48.2525

■ 229.0200, 12.8081,
-48.2525

255.0000, 0.0000,
0.0000

■ 200.3190, 12.6607,
-47.6378

■ 248.1230, 3.3904,
-14.1399

■ 172.3190, 12.6607,
-47.6378

■ 145.0200, 12.8081,
-48.2525

■ 117.8350, 13.3923,
-48.9673

■ 90.9270, 13.8400,
-52.5560

■ 64.1330, 14.7244,
-56.2446

■ 47.4230, 11.6235,

-41.5900

■ 31.3000, 8.2331,
-27.4501

■ 17.1660, 4.8482,
-15.0546

■ 229.0200, 12.8081,
-48.2525

■ 229.0200, 12.8081,
-48.2525

■ 220.6590, 16.9301,
-63.7219

■ 237.3810, 8.6862,
-32.7831

■ 212.5970, 20.9047,
-78.5766

■ 245.4430, 4.7116,
-17.9285

■ 204.5350, 24.8792,
-93.4312

■ 253.8040, 0.5896,
-2.4591

■ 196.1740, 29.0012,
-108.9006

■ 255.0000, 0.0000,
0.0000

■ 188.1120, 32.9758,
-123.7552

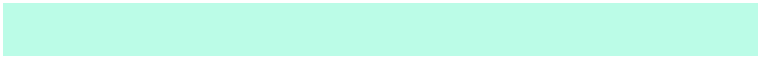
■ 179.7510, 37.0978,
-139.2246

■ 173.4720, 40.1933,
-152.1349

Harmonies

Analogous

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



230.1710, 0.4087, -37.8610



229.0200, 12.8081, -48.2525



228.7540, 12.9393, -43.6343

Triad

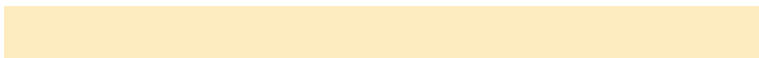
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.0200, 12.8081, -48.2525



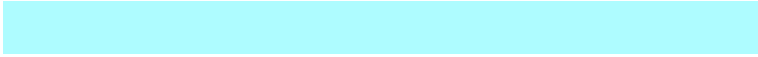
238.5640, 8.1029, 14.4144



236.0780, -21.7305, 16.5946

Complementary

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



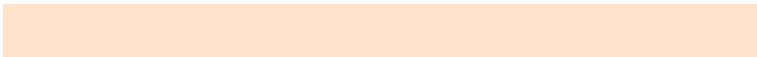
229.0200, 12.8081, -48.2525



199.9800, -12.8081, 48.2525

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.



232.5220, -15.0473, 19.7132



229.0200, 12.8081, -48.2525



234.6030, 5.6187, 17.8882

Square

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



229.0200, 12.8081, -48.2525



236.9810, 8.8834, -2.6143



231.8670, -4.8644, 20.2876



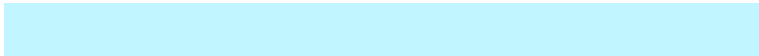
235.6310, -20.5241, 2.9546

Rectangle

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



229.0200, 12.8081, -48.2525



230.5920, 12.0331, -32.9682



231.8670, -4.8644, 20.2876



234.5450, -19.9887, 17.9390

Sweetspot

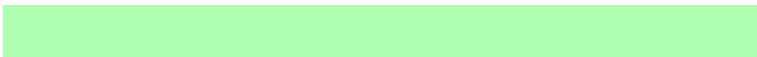
The Sweet Spot groups the original color and five complimentary colors.



229.0200, 12.8081, -48.2525



246.9380, 3.9746, -14.8546



221.8890, -22.1303, -41.9987



122.6290, 2.6479, -9.3216



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.



229.0200, 12.8081, -48.2525



223.6490, 15.4560, -57.5742



205.5400, 24.3838, -27.6606



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013

Inverse Universe

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



207.1110, 22.1303, 41.9987



197.6050, 26.3237, 50.3354



223.4600, -24.3838, 27.6606



120.2550, 3.3253, 6.7924



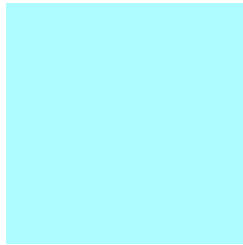
78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 229.0200, 12.8081, -48.2525 looks on a white background.

Color Contrast Check

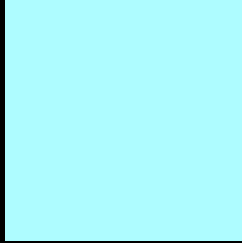
Large Text (above 18pt) WCAG AA × Fail

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 229.0200, 12.8081, -48.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

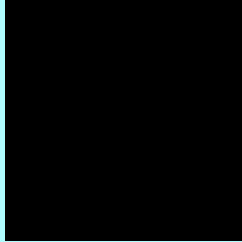
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.0200, 12.8081, -48.2525

Background



This preview shows how black text looks on a background with the YUV color 229.0200, 12.8081, -48.2525.



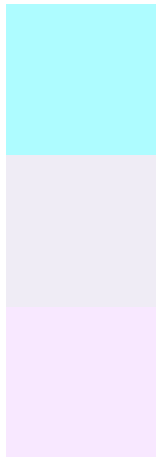
This preview shows how white text looks on a background with the YUV color 229.0200, 12.8081, -48.2525.

-48.2525.

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

229.0200, 12.8081, -48.2525

Protanopia

237.9230, 3.4890, 0.9445

Deuteranopia

239.4060, 7.6878, 7.5369



Tritanopia

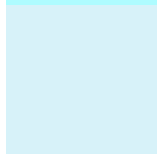
234.7890, 9.9640, -22.6170

Trichromacy



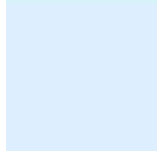
Original Color

229.0200, 12.8081, -48.2525



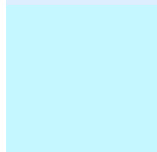
Protanomaly

234.7250, 7.0376, -17.2988



Deuteranomaly

235.4420, 9.6421, -12.6656



Tritanomaly

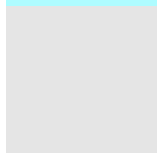
232.6630, 11.0121, -32.1535

Monochromacy



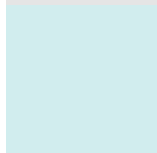
Original Color

229.0200, 12.8081, -48.2525



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.7420, 4.5642, -17.3137

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.0200, 12.8081, -48.2525 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(174, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 252, 255)  
}
```

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(174, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 252, 255) }
```

Border

The CSS property to change the border of an element to YUV 229.0200, 12.8081, -48.2525 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(174, 252, 255) }
```


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

```
.border{ border-color:rgb(174, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 252,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 229.0200, 12.8081, -48.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 252, 255) }
```

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

```
.background{ background-color: rgb(174,  
252, 255) }
```

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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