

Converting Colors

YUV(229.5050, -6.1650,
-29.3839)

Have a look what the booklet for
YUV(229.5050, -6.1650, -29.3839)
contains.

YUV(229.5050, -6.1650, -29.3839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.5050, -6.1650,
-29.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F9D9
RGB	196, 249, 217
RGB Percent	77%, 98%, 85%
CMY	0.2314, 0.0235, 0.1490
CMYK	0.21, 0.00, 0.13, 0.02
HSL	144°, 82%, 87%
HSV	144°, 21%, 98%
XYZ	69.1650, 84.4969, 78.3098
YIQ	229.5050, -21.3160, -21.1880

Conversions

Conversions Part 2

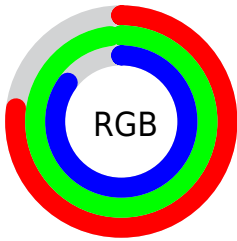
Format	Color
R _Y B	196, 234, 249
Decimal	12909017
CIE Lab	93.67, -22.97, 9.89
CIE LCh	94, 25.005, 156.706
Yxy	84.4969, 0.2982, 0.3643
Android (android.graphics.Color)	4291099097 (0xFFC4F9D9)
YUV	229.5050, -6.1650, -29.3839
Hunter-Lab	91.9222, -26.5551, 13.8356

Details

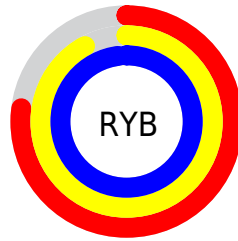
The YUV color $229.5050, -6.1650, -29.3839$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $215.4950, 6.1650, 29.3839$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $173.3310, -5.5862, -28.3543$ is the 20% darker color. If you saturate the color by 10%, you get $220.3200, -9.0318, -43.2536$, and if you desaturate by 10%, it is $238.6900, -3.2982, -15.5141$.

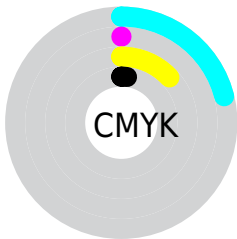
Distribution



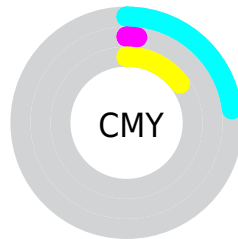
- Red (77%)
- Green (98%)
- Blue (85%)



- Red (77%)
- Yellow (92%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 229.5050, -6.1650, -29.3839 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 229.5050, -6.1650, -29.3839 by changing the saturation by 10% instead.


 229.5050, -6.1650,
-29.3839

 229.5050, -6.1650,
-29.3839


255.0000, 0.0000,
0.0000


 200.9180, -5.8756,
-28.8691


254.4020, 0.2948,
-1.2296

 173.3310, -5.5862,
-28.3543

 146.7440, -5.2968,
-27.8395

 121.1570, -5.0074,
-27.3247

 95.5700, -4.7180,
-26.8099

 71.0970, -3.9918,
-26.3951

 47.3140, -3.1128,

-28.3394

■ 26.9340, -3.4185,
-23.6211

■ 12.3270, -6.0772,
-10.8108

■ 229.5050, -6.1650,
-29.3839

■ 229.5050, -6.1650,
-29.3839

■ 220.3200, -9.0318,
-43.2536

■ 238.6900, -3.2982,
-15.5141

■ 211.1350,
-11.8986, -57.1234

■ 247.8750, -0.4314,
-1.6444

■ 201.9500,
-14.7653, -70.9931

■ 251.4780, 1.7363,
3.0888

■ 192.7650,
-17.6321, -84.8629

■ 183.8790,
-20.6463, -98.1179

■ 174.6940,
-23.5131, -111.9876

■ 165.5090,
-26.3799, -125.8574

■ 157.4490,
-28.8154, -138.0828

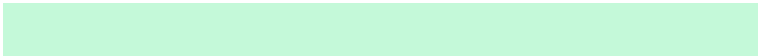
Harmonies

Analogous

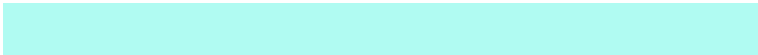
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4770, -16.9972, -8.3113



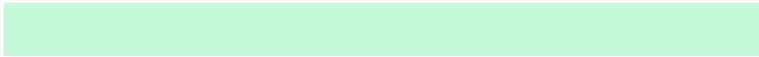
229.5050, -6.1650, -29.3839



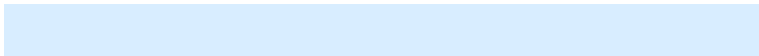
227.5490, 7.1243, -45.2085

Triad

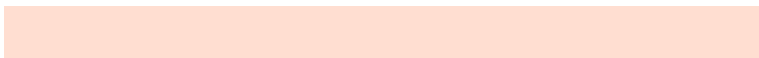
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.5050, -6.1650, -29.3839



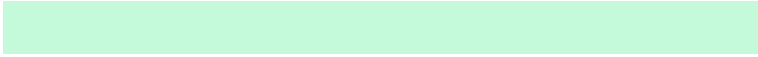
232.7730, 10.9579, -14.7099



230.3850, -10.5428, 21.5874

Complementary

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



229.5050, -6.1650, -29.3839



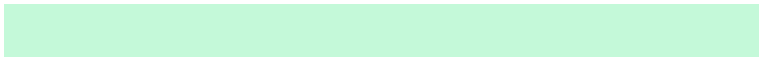
215.4950, 6.1650, 29.3839

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.



231.8330, 0.0823, 20.3175



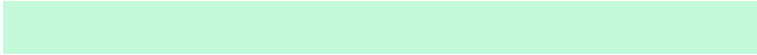
229.5050, -6.1650, -29.3839



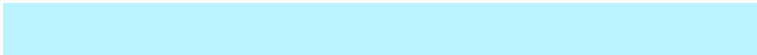
237.6450, 8.5560, 9.0813

Square

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



229.5050, -6.1650, -29.3839



228.2110, 13.2070, -36.1420



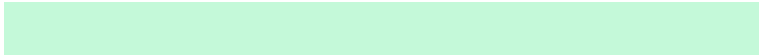
235.6290, 9.5499, 16.9884



232.6700, -19.5573, 19.5834

Rectangle

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



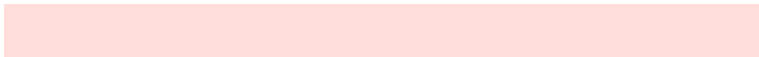
229.5050, -6.1650, -29.3839



226.9490, 13.8291, -49.0673



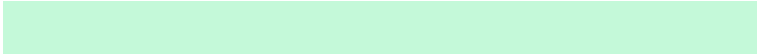
235.6290, 9.5499, 16.9884



230.5960, -7.1958, 21.4023

Sweetspot

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



229.5050, -6.1650, -29.3839



249.4890, -1.7201, -8.3219



236.9780, -20.2022, -6.9967



124.6250, -1.2941, -4.9331



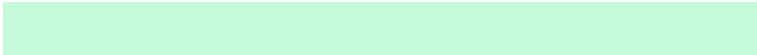
0.0000, 0.0000, 0.0000



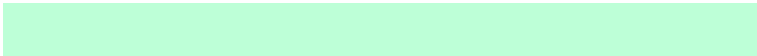
128.0000, 0.0000, 0.0000

Same Dimension

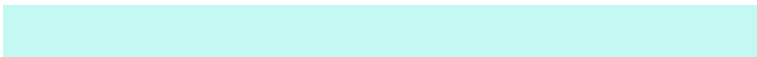
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.5050, -6.1650, -29.3839



230.7060, -7.7431, -36.5762



232.4690, 5.1918, -31.9833



120.2010, -1.5781, -7.1923



119.4930, -21.9350, -104.7954



38.5430, -7.1697, -33.8022

Inverse Universe

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



215.4950, 6.1650, 29.3839



213.2940, 7.7431, 36.5762



212.5310, -5.1918, 31.9833



116.7990, 1.5781, 7.1923



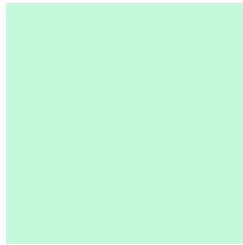
69.5070, 21.9350, 104.7954



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 229.5050, -6.1650, -29.3839 looks on a white background.

Color Contrast Check

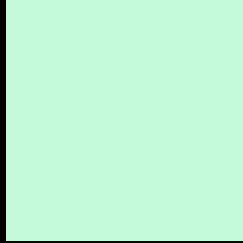
Large Text (above 18pt) WCAG AA × Fail

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 229.5050, -6.1650, -29.3839 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

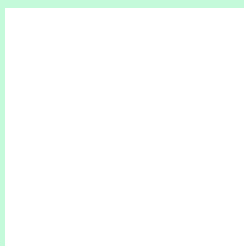
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.5050, -6.1650, -29.3839

Background



This preview shows how black text looks on a background with the YUV color 229.5050, -6.1650, -29.3839.



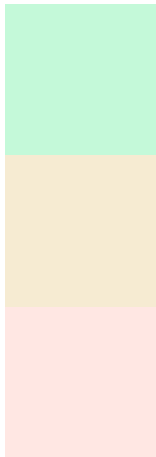
This preview shows how white text looks on a background with the YUV color 229.5050, -6.1650,

-29.3839.

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

229.5050, -6.1650, -29.3839

Protanopia

235.4390, -12.5414, 9.2620

Deuteranopia

237.7200, -5.2850, 15.1546



Tritanopia

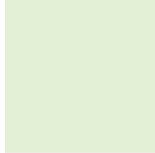
234.5230, 10.0952, -17.9987

Trichromacy



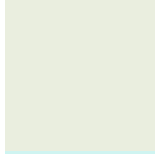
Original Color

229.5050, -6.1650, -29.3839



Protanomaly

233.3340, -10.0247, -4.6779



Deuteranomaly

235.0940, -5.9623, -0.9594



Tritanomaly

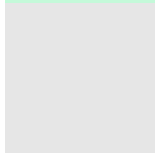
232.5950, 4.1437, -22.4468

Monochromacy



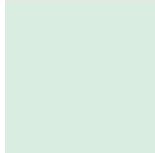
Original Color

229.5050, -6.1650, -29.3839



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.5050, -6.1650, -29.3839 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(196, 249, 217)` looks like.

```
.text, #text, p{  
    color:rgb(196, 249, 217)  
}
```

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(196, 249, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 249, 217) }
```

Border

The CSS property to change the border of an element to YUV 229.5050, -6.1650, -29.3839 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(196, 249, 217) }
```


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

```
.border{ border-color:rgb(196, 249, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 249, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 249, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 249, 217);  
box-shadow:4px 4px 4px 4px rgb(196, 249,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 229.5050, -6.1650, -29.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 249, 217) }
```

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

```
.background{ background-color: rgb(196,  
249, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor