

# Converting Colors

YUV(228.3620, -2.6435,  
-38.9055)

Have a look what the booklet for  
YUV(228.3620, -2.6435, -38.9055)  
contains.

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# Color

**YUV(228.3620, -2.6435,  
-38.9055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FCDF
RGB	184, 252, 223
RGB Percent	72%, 99%, 87%
CMY	0.2784, 0.0118, 0.1255
CMYK	0.27, 0.00, 0.12, 0.01
HSL	154°, 92%, 85%
HSV	154°, 27%, 99%
XYZ	67.8969, 85.1389, 82.6669
YIQ	228.3620, -31.2190, -23.4350

# Conversions

## Conversions Part 2

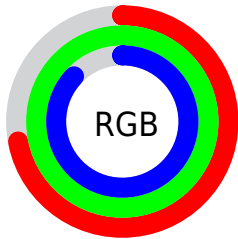
Format	Color
<b>RYB</b>	184, 227, 252
Decimal	12123359
CIELab	93.94, -26.93, 7.10
CIELCh	94, 27.848, 165.223
Yxy	85.1389, 0.2881, 0.3612
Android (android.graphics.Color)	4290313439 (0xFFB8FCDF)
YUV	228.3620, -2.6435, -38.9055
Hunter-Lab	92.2707, -30.1256, 11.4706

# Details

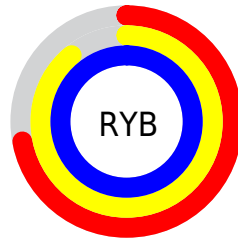
The YUV color  $228.3620, -2.6435, -38.9055$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $207.6380, 2.6435, 38.9055$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8140, 2.0637, -8.6069$ , and  $172.1880, -2.0647, -37.8759$  is the 20% darker color. If you saturate the color by 10%, you get  $219.6330, -3.7631, -53.1751$ , and if you desaturate by 10%, it is  $237.0910, -1.5239, -24.6358$ .

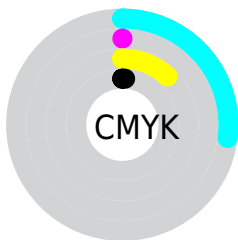
# Distribution



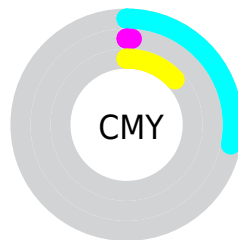
- Red (72%)
- Green (99%)
- Blue (87%)



- Red (72%)
- Yellow (89%)
- Blue (99%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (28%)
- Magenta (1%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.3620, -2.6435, -38.9055 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 228.3620, -2.6435, -38.9055 by changing the saturation by 10% instead.





 228.3620, -2.6435,  
-38.9055

 228.3620, -2.6435,  
-38.9055

255.0000, 0.0000,  
0.0000


 199.7750, -2.3541,  
-38.3907

 250.8140, 2.0637,  
-8.6069

 172.1880, -2.0647,  
-37.8759

 145.4870, -2.2121,  
-37.2611

 119.0140, -1.4859,  
-36.8463

 93.1280, -1.0491,  
-36.9463

 67.4590, 0.2667,  
-38.9905

 44.5730, 0.7035,

-39.0905

■ 28.6780, -1.8133,  
-25.1506

■ 12.9140, -6.3666,  
-11.3256

■ 228.3620, -2.6435,  
-38.9055

■ 228.3620, -2.6435,  
-38.9055

■ 219.6330, -3.7631,  
-53.1751

■ 237.0910, -1.5239,  
-24.6358

■ 211.0180, -4.4459,  
-67.5448

■ 245.7060, -0.8411,  
-10.2662

■ 201.9900, -5.4181,  
-82.4292

■ 253.2390, 0.8682,  
1.5444

■ 193.2610, -6.5377,  
-96.6989

■ 184.5320, -7.6573,  
-110.9686

■ 175.9170, -8.3401,  
-125.3382

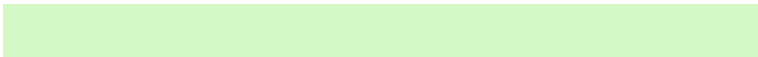
■ 167.1880, -9.4597,  
-139.6079

■ 164.4540, -9.5908,  
-144.2262

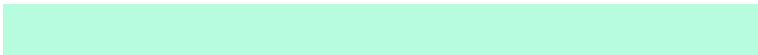
# Harmonies

## Analogous

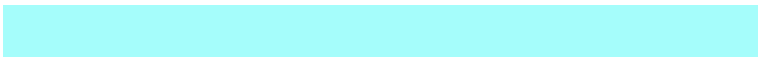
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9490, -16.2439, -16.6183



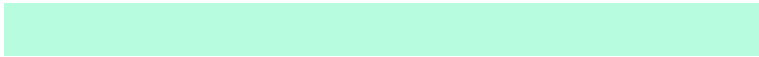
228.3620, -2.6435, -38.9055



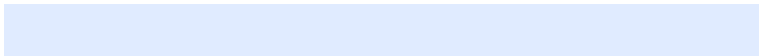
226.4600, 12.0982, -53.9004

# Triad

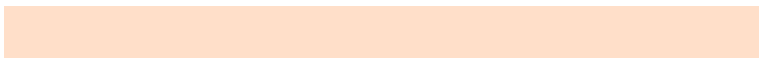
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.3620, -2.6435, -38.9055



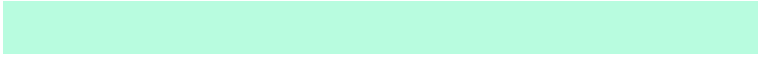
233.9910, 10.3574, -8.7621



230.0600, -14.3266, 21.8724

# Complementary

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



228.3620, -2.6435, -38.9055



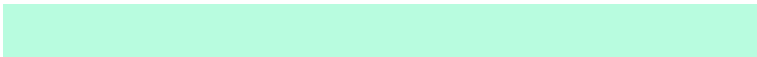
207.6380, 2.6435, 38.9055

# 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.



230.4480, -2.6859, 21.5321



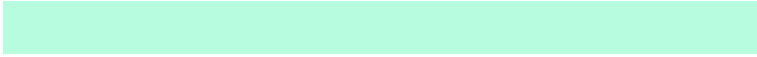
228.3620, -2.6435, -38.9055



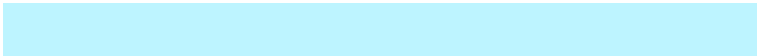
237.9770, 8.3923, 14.9292

# Square

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



228.3620, -2.6435, -38.9055



228.8090, 12.9122, -34.9125



234.1130, 8.8183, 18.3179

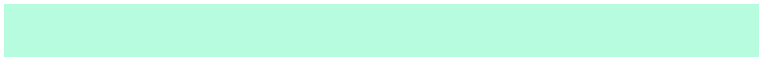


233.0460, -23.1937, 19.2537

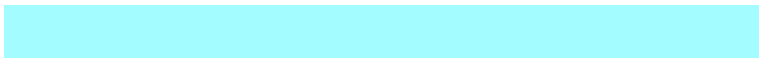


# Rectangle

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



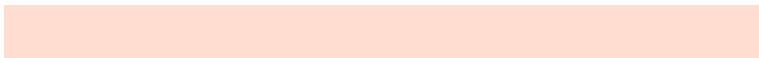
228.3620, -2.6435, -38.9055



225.7310, 14.4296, -55.0151



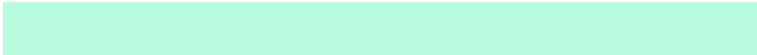
234.1130, 8.8183, 18.3179



229.6840, -10.6902, 22.2021

# Sweetspot

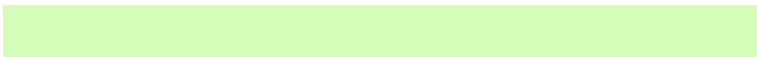
The Sweet Spot groups the original color and five complimentary colors.



228.3620, -2.6435, -38.9055



247.9940, -0.9830, -11.3957



232.5870, -23.9534, -17.1778



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000

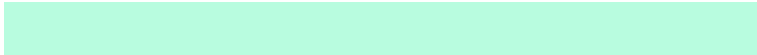


128.0000, 0.0000, 0.0000

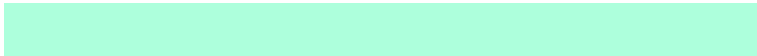


# Same Dimension

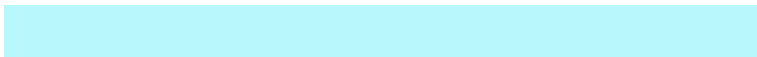
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3620, -2.6435, -38.9055



226.4920, -3.2006, -46.9125



228.7330, 11.4706, -39.2308



120.5430, -0.2677, -7.4922



123.2550, -7.5207, -108.0946



39.7970, -2.3649, -34.9020



# Inverse Universe

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



207.6380, 2.6435, 38.9055



201.5080, 3.2006, 46.9125



207.2670, -11.4706, 39.2308



116.5710, 0.7045, 7.3922



65.6310, 7.0839, 108.1946

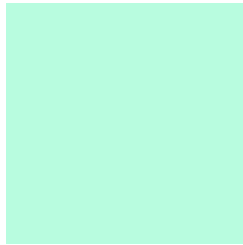


21.2030, 2.3649, 34.9020



# Previews

## White Background



This preview shows how the YUV color 228.3620, -2.6435, -38.9055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

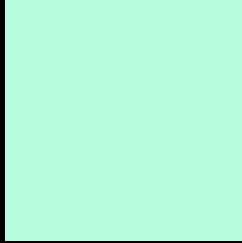
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.3620, -2.6435, -38.9055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

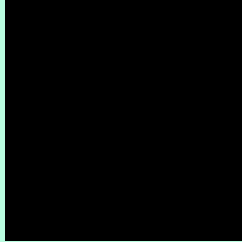
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

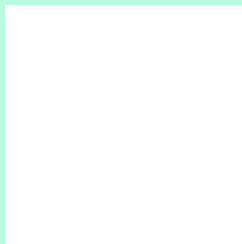
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 228.3620, -2.6435, -38.9055

## Background



This preview shows how black text looks on a background with the YUV color 228.3620, -2.6435, -38.9055.



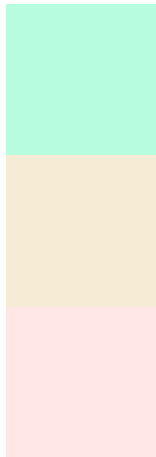
This preview shows how white text looks on a background with the YUV color 228.3620, -2.6435,

-38.9055.

# 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

228.3620, -2.6435, -38.9055

### Protanopia

236.4820, -11.0836, 8.3473

### Deuteranopia

238.1760, -3.5378, 14.7546



## Tritanopia

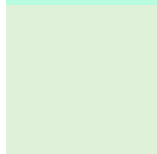
234.2130, 10.2480, -20.3578

# Trichromacy



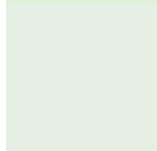
## Original Color

228.3620, -2.6435, -38.9055



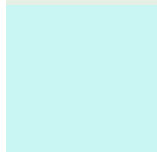
## Protanomaly

233.4690, -8.1192, -9.1813



## Deuteranomaly

234.7560, -3.3307, -5.0480



## Tritanomaly

232.2030, 5.3229, -27.3650

# Monochromacy



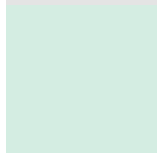
## Original Color

228.3620, -2.6435, -38.9055



## Achromatopsia

228.0000, 0.0000, 0.0000



## Achromatomaly

228.2710, -1.1196, -14.2697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.3620, -2.6435, -38.9055 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(184, 252, 223)` looks like.

```
.text, #text, p{  
    color:rgb(184, 252, 223)  
}
```

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(184, 252, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 252, 223) }
```

## Border

The CSS property to change the border of an element to YUV 228.3620, -2.6435, -38.9055 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(184, 252, 223) }
```



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

```
.border{ border-color:rgb(184, 252, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 252, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 252, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 252, 223);  
box-shadow:4px 4px 4px 4px rgb(184, 252,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 228.3620, -2.6435, -38.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 252, 223) }
```

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

```
.background{ background-color: rgb(184,  
252, 223) }
```

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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