

# Converting Colors

YUV(226.6020, -23.4678,  
-32.9770)

Have a look what the booklet for  
YUV(226.6020, -23.4678, -32.9770)  
contains.

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# Color

**YUV(226.6020, -23.4678,  
-32.9770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BDFFB3</code>
RGB	189, 255, 179
RGB Percent	74%, 100%, 70%
CMY	0.2588, 0.0000, 0.2980
CMYK	0.26, 0.00, 0.30, 0.00
HSL	112°, 100%, 85%
HSV	112°, 30%, 100%
XYZ	64.8829, 85.5935, 55.7493
YIQ	226.6020, -14.9400, -37.6280

# Conversions

## Conversions Part 2

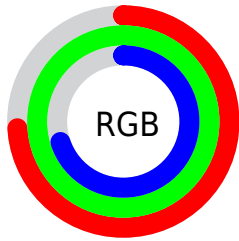
Format	Color
<b>RYB</b>	179, 255, 245
Decimal	12451763
CIELab	94.14, -34.48, 29.89
CIELCh	94, 45.636, 139.078
Yxy	85.5935, 0.3146, 0.4150
Android (android.graphics.Color)	4290641843 (0xFFBDFFB3)
YUV	226.6020, -23.4678, -32.9770
Hunter-Lab	92.5167, -36.7204, 29.0344

# Details

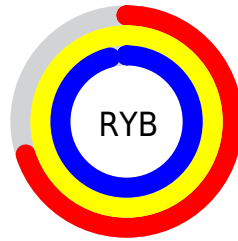
The YUV color **226.6020, -23.4678, -32.9770** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **207.3980, 23.4678, 32.9770**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0290, -7.4093, -3.5334**, and **170.6560, -22.0154, -32.1473** is the 20% darker color. If you saturate the color by 10%, you get **217.0600, -31.5816, -43.9026**, and if you desaturate by 10%, it is **236.0300, -15.7908, -21.9513**.

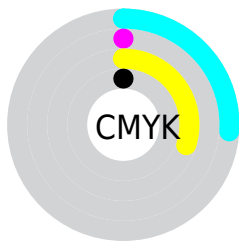
# Distribution



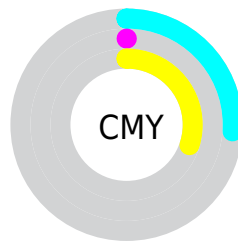
- Red (74%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.6020, -23.4678, -32.9770 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 226.6020, -23.4678, -32.9770 by changing the saturation by 10% instead.



■ 226.6020,  
-23.4678, -32.9770

■ 226.6020,  
-23.4678, -32.9770

255.0000, 0.0000,  
0.0000

■ 198.1290,  
-22.7416, -32.5621

■ 250.0290, -7.4093,  
-3.5334

■ 170.6560,  
-22.0154, -32.1473

■ 143.1830,  
-21.2892, -31.7325

■ 117.4110,  
-20.4156, -31.9324

■ 91.6390, -19.5420,  
-32.1324

■ 65.9700, -18.2262,  
-34.1767

■ 40.3720, -17.9314,

-35.4062

■ 26.4150, -13.0226,  
-23.1660

■ 13.5010, -6.6560,  
-11.8404

■ 226.6020,  
-23.4678, -32.9770

■ 226.6020,  
-23.4678, -32.9770

■ 217.0600,  
-31.5816, -43.9026

■ 236.0300,  
-15.7908, -21.9513

■ 207.6320,  
-39.2586, -54.9283

■ 245.5720, -7.6770,  
-11.0256

■ 198.0900,  
-47.3724, -65.8539

255.0000, 0.0000,  
0.0000

■ 188.3630,  
-54.9020, -77.4944

■ 178.8210,  
-63.0158, -88.4200

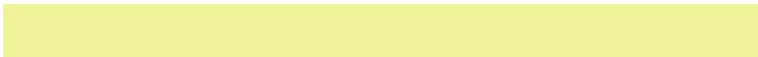
■ 169.3930,  
-70.6927, -99.4457

■ 159.8510,  
-78.8065, -110.3713

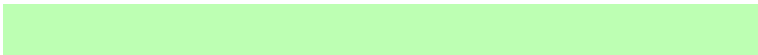
# Harmonies

## Analogous

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



232.2450, -38.5748, 5.9241



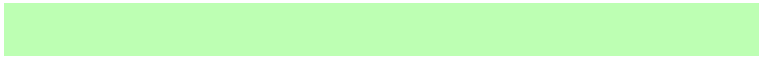
226.6020, -23.4678, -32.9770



214.8310, 2.5483, -70.8888

# Triad

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



226.6020, -23.4678, -32.9770



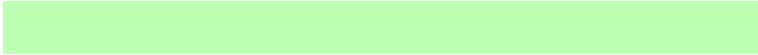
218.6100, 17.9403, -61.0480



220.7480, -4.3128, 30.0390

# Complementary

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



226.6020, -23.4678, -32.9770



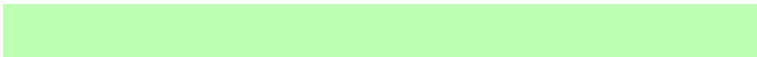
207.3980, 23.4678, 32.9770

# Split Complementary

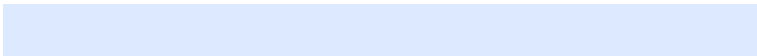
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.2370, 14.1802, 25.2252



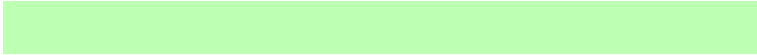
226.6020, -23.4678, -32.9770



231.6210, 11.5258, -10.1916

# Square

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



226.6020, -23.4678, -32.9770



203.5720, 25.3540, -105.7416



232.6940, 10.9969, 19.5624

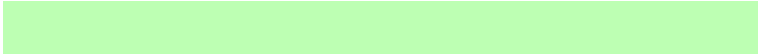


222.1720, -24.2418, 28.7902



# Rectangle

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



226.6020, -23.4678, -32.9770



207.3020, 21.5431, -96.7349



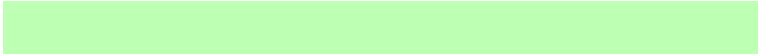
232.6940, 10.9969, 19.5624



221.7570, 2.0918, 29.1541

# Sweetspot

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



226.6020, -23.4678, -32.9770



246.3980, -7.0982, -9.9960



240.4660, -30.3027, 12.7463



122.4030, -4.6357, -6.4924



0.0000, 0.0000, 0.0000

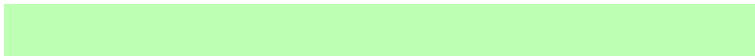


128.0000, 0.0000, 0.0000

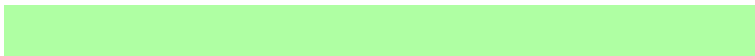


# Same Dimension

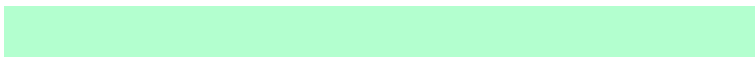
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.6020, -23.4678, -32.9770



220.5920, -28.3929, -39.9842



226.8040, -9.7634, -41.9241



122.9300, -3.9095, -6.0776



119.5920, -58.9589, -82.9572



39.9600, -19.7003, -28.0289



# Inverse Universe

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



207.3980, 23.4678, 32.9770



197.4080, 28.3929, 39.9842



207.1960, 9.7634, 41.9241



119.7710, 4.0569, 5.4628



71.4080, 58.9589, 82.9572

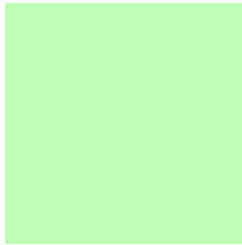


23.7410, 19.8477, 27.4141



# Previews

## White Background



This preview shows how the YUV color 226.6020, -23.4678, -32.9770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

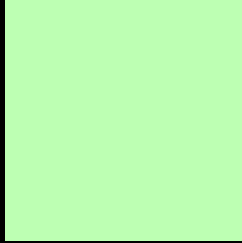
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.6020, -23.4678, -32.9770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

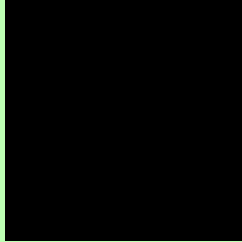
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

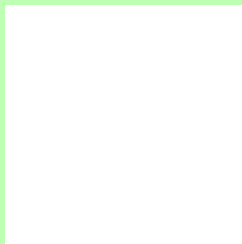
Any Text WCAG AAA ✓ Pass

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

# YUV 226.6020, -23.4678, -32.9770 Background



This preview shows how black text looks on a background with the YUV color 226.6020, -23.4678, -32.9770.



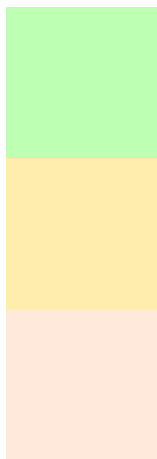
This preview shows how white text looks on a background with the YUV color 226.6020, -23.4678, -32.9770.

-32.9770.

# 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

226.6020, -23.4678, -32.9770

### Protanopia

235.0860, -30.6084, 17.4646

### Deuteranopia

237.8680, -9.7949, 15.0248



## Tritanopia

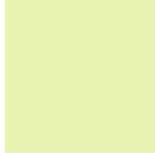
235.7080, 9.5110, -17.2839

# Trichromacy



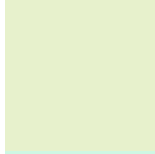
## Original Color

226.6020, -23.4678, -32.9770



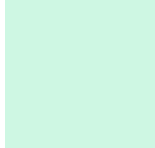
## Protanomaly

232.2470, -28.2228, -1.0936



## Deuteranomaly

233.7920, -14.6875, -2.4486



## Tritanomaly

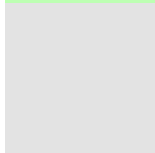
232.4610, -2.6923, -23.2063

# Monochromacy



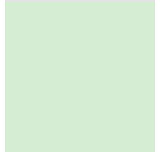
## Original Color

226.6020, -23.4678, -32.9770



## Achromatopsia

227.0000, 0.0000, 0.0000



## Achromatomaly

226.7460, -8.2558, -12.0552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.6020, -23.4678, -32.9770 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(189, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 179)  
}
```

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(189, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 179) }
```

## Border

The CSS property to change the border of an element to YUV 226.6020, -23.4678, -32.9770 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(189, 255, 179) }
```



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

```
.border{ border-color:rgb(189, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 226.6020, -23.4678, -32.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 179) }
```

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

```
.background{ background-color: rgb(189,  
255, 179) }
```

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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