

Converting Colors

YUV(223.3260, -28.2617,
-35.3659)

Have a look what the booklet for
YUV(223.3260, -28.2617, -35.3659)
contains.

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Color

**YUV(223.3260, -28.2617,
-35.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FFA6
RGB	183, 255, 166
RGB Percent	72%, 100%, 65%
CMY	0.2824, 0.0000, 0.3490
CMYK	0.28, 0.00, 0.35, 0.00
HSL	109°, 100%, 83%
HSV	109°, 35%, 100%
XYZ	62.1714, 84.3405, 49.0790
YIQ	223.3260, -14.3430, -42.9430

Conversions

Conversions Part 2

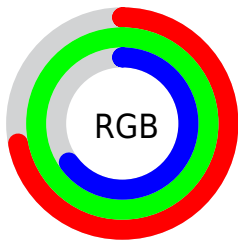
Format	Color
RYB	166, 255, 238
Decimal	12058534
CIELab	93.60, -38.37, 35.62
CIELCh	94, 52.355, 137.136
Yxy	84.3405, 0.3179, 0.4312
Android (android.graphics.Color)	4290248614 (0xFFB7FFA6)
YUV	223.3260, -28.2617, -35.3659
Hunter-Lab	91.8371, -39.8749, 32.6006

Details

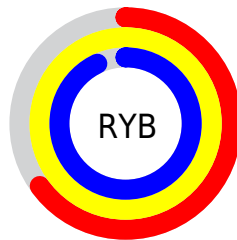
The YUV color $223.3260, -28.2617, -35.3659$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $197.6740, 28.2617, 35.3659$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0520, -12.3506, -5.3076$, and $167.3800, -26.8093, -34.5363$ is the 20% darker color. If you saturate the color by 10%, you get $214.1970, -36.0861, -45.7768$, and if you desaturate by 10%, it is $232.5690, -20.0005, -25.0550$.

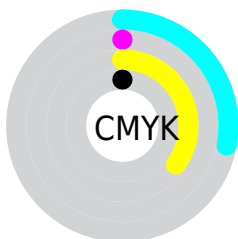
Distribution



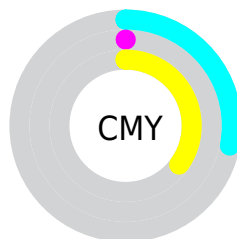
- Red (72%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.3260, -28.2617, -35.3659 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 223.3260, -28.2617, -35.3659 by changing the saturation by 10% instead.

■ 223.3260,
-28.2617, -35.3659

■ 223.3260,
-28.2617, -35.3659

■ 255.0000, 0.0000,
0.0000

■ 194.8530,
-27.5355, -34.9511

■ 247.0520,
-12.3506, -5.3076

■ 167.3800,
-26.8093, -34.5363

■ 254.5440, -1.7472,
0.3999

■ 140.0210,
-25.6464, -34.2214

■ 113.2490,
-24.7728, -34.4214

■ 87.1780, -23.7518,
-35.2361

■ 59.7860, -22.5725,
-40.1543

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.3270, -6.0772,
-10.8108

■ 223.3260,
-28.2617, -35.3659

■ 223.3260,
-28.2617, -35.3659

■ 214.1970,
-36.0861, -45.7768

■ 232.5690,
-20.0005, -25.0550

■ 205.2530,
-44.4947, -55.4729

■ 241.3990,
-12.0287, -15.2589

■ 196.1240,
-52.3191, -65.8837

■ 250.6420, -3.7675,
-4.9480

■ 186.8810,
-60.5803, -76.1946

255.0000, 0.0000,
0.0000

■ 177.9370,
-68.9889, -85.8907

■ 168.8080,
-76.8133, -96.3016

■ 164.3360,
-81.0176, -101.1497

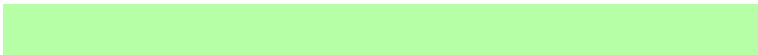
Harmonies

Analogous

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



230.1330, -45.4216, 8.6534



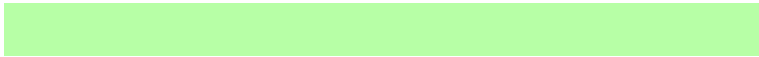
223.3260, -28.2617, -35.3659



207.9390, 2.0021, -82.3845

Triad

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



223.3260, -28.2617, -35.3659



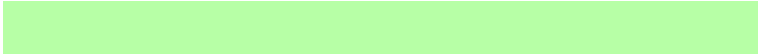
209.3300, 22.5153, -81.8504



215.7100, -3.3080, 34.4573

Complementary

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



223.3260, -28.2617, -35.3659



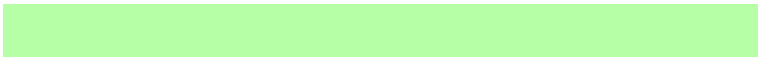
197.6740, 28.2617, 35.3659

Split Complementary

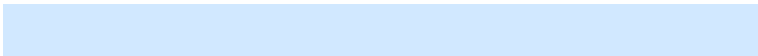
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 16.2059, 28.8287



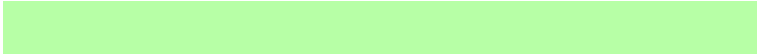
223.3260, -28.2617, -35.3659



227.7450, 13.4367, -16.4394

Square

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



223.3260, -28.2617, -35.3659



178.7550, 37.5888, -156.7681



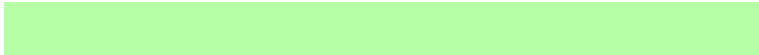
230.3460, 12.1544, 21.6216



217.7380, -25.9998, 32.6788

Rectangle

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



223.3260, -28.2617, -35.3659



191.8960, 27.1663, -127.0738



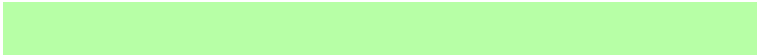
230.3460, 12.1544, 21.6216



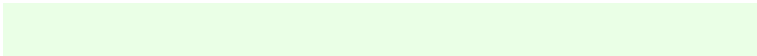
217.0610, 4.4069, 33.2725

Sweetspot

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



223.3260, -28.2617, -35.3659



245.8710, -7.8244, -10.4109



234.2880, -33.6660, 18.1644



122.2890, -5.0725, -6.3925



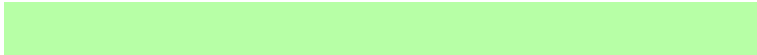
0.0000, 0.0000, 0.0000



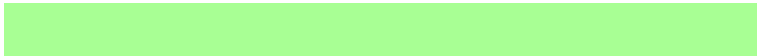
128.0000, 0.0000, 0.0000

Same Dimension

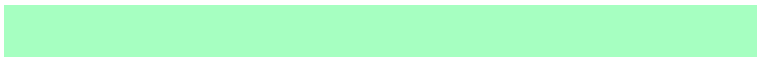
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.3260, -28.2617, -35.3659



216.7890, -33.9130, -42.7880



221.3210, -13.9623, -48.5165



123.2290, -4.0569, -5.4628



123.1800, -60.7277, -75.5799



41.1560, -20.2899, -25.5698

Inverse Universe

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



197.6740, 28.2617, 35.3659



186.2110, 33.9130, 42.7880



199.6790, 13.9623, 48.5165



119.4720, 4.2043, 4.8481



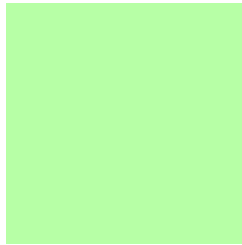
68.1190, 60.5803, 76.1946



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 223.3260, -28.2617, -35.3659 looks on a white background.

Color Contrast Check

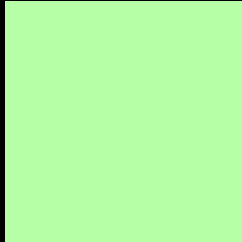
Large Text (above 18pt) WCAG AA × Fail

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 223.3260, -28.2617, -35.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

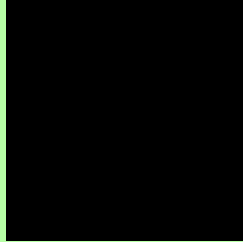
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

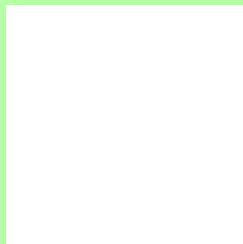
Any Text WCAG AAA ✓ Pass

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

YUV 223.3260, -28.2617, -35.3659 Background



This preview shows how black text looks on a background with the YUV color 223.3260, -28.2617, -35.3659.



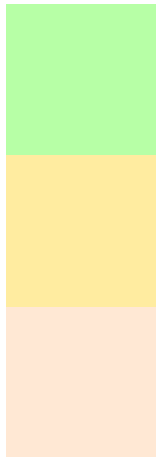
This preview shows how white text looks on a background with the YUV color 223.3260, -28.2617, -35.3659.

-35.3659.

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

223.3260, -28.2617, -35.3659

Protanopia

233.0170, -35.9974, 19.2791

Deuteranopia

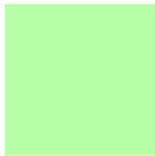
236.5970, -12.1263, 16.1394



Tritanopia

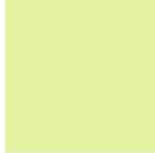
233.6260, 10.5374, -19.8430

Trichromacy



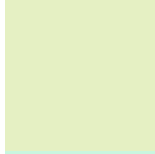
Original Color

223.3260, -28.2617, -35.3659



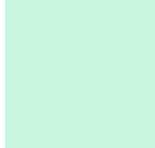
Protanomaly

229.5800, -33.3169, -0.5087



Deuteranomaly

231.5810, -18.0344, -2.2635



Tritanomaly

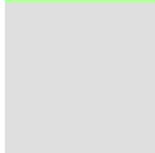
229.9230, -3.4130, -25.3655

Monochromacy



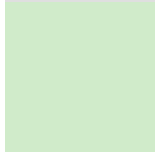
Original Color

223.3260, -28.2617, -35.3659



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1650, -10.4343, -13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.3260, -28.2617, -35.3659 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(183, 255, 166)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 166)  
}
```

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(183, 255, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 166) }
```

Border

The CSS property to change the border of an element to YUV 223.3260, -28.2617, -35.3659 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(183, 255, 166) }
```


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

```
.border{ border-color:rgb(183, 255, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 166);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 223.3260, -28.2617, -35.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 166) }
```

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

```
.background{ background-color: rgb(183,  
255, 166) }
```

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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