

Converting Colors

YUV(228.2560, -11.9582,
-37.9355)

Have a look what the booklet for
YUV(228.2560, -11.9582, -37.9355)
contains.

YUV(228.2560, -11.9582, -37.9355)	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(228.2560, -11.9582,
-37.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFCC
RGB	185, 255, 204
RGB Percent	73%, 100%, 80%
CMY	0.2745, 0.0000, 0.2000
CMYK	0.27, 0.00, 0.20, 0.00
HSL	136°, 100%, 86%
HSV	136°, 27%, 100%
XYZ	66.6667, 86.1939, 70.2501
YIQ	228.2560, -25.3490, -30.7010

Conversions

Conversions Part 2

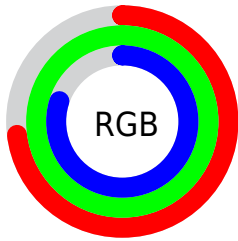
Format	Color
RYB	185, 240, 255
Decimal	12189644
CIELab	94.40, -31.59, 17.52
CIELCh	94, 36.124, 150.992
Yxy	86.1939, 0.2988, 0.3863
Android (android.graphics.Color)	4290379724 (0xFFB9FFCC)
YUV	228.2560, -11.9582, -37.9355
Hunter-Lab	92.8407, -34.2946, 20.1253

Details

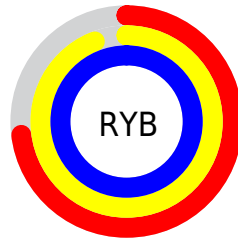
The YUV color **228.2560, -11.9582, -37.9355** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **211.7440, 11.9582, 37.9355**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **172.1960, -10.9426, -37.0059** is the 20% darker color. If you saturate the color by 10%, you get **218.6150, -16.5722, -51.4054**, and if you desaturate by 10%, it is **238.1960, -7.4916, -23.8509**.

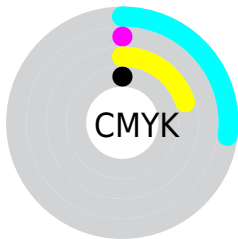
Distribution



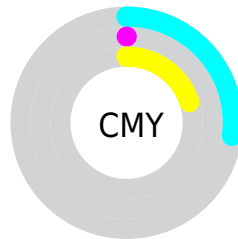
- Red (73%)
- Green (100%)
- Blue (80%)



- Red (73%)
- Yellow (94%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2560, -11.9582, -37.9355 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 228.2560, -11.9582, -37.9355 by changing the saturation by 10% instead.

■ 228.2560,
-11.9582, -37.9355

■ 228.2560,
-11.9582, -37.9355

255.0000, 0.0000,
0.0000

■ 199.6690,
-11.6688, -37.4207

■ 251.1130, 1.9163,
-7.9921

■ 172.1960,
-10.9426, -37.0059

■ 145.0220,
-10.3638, -35.9763

■ 119.1360, -9.9270,
-36.0763

■ 93.3640, -9.0535,
-36.2762

■ 67.6950, -7.7376,
-38.3205

■ 43.9230, -6.8640,

-38.5205

■ 27.2130, -9.9650,
-23.8658

■ 14.0880, -6.9454,
-12.3552

■ 228.2560,
-11.9582, -37.9355

■ 228.2560,
-11.9582, -37.9355

■ 218.6150,
-16.5722, -51.4054

■ 238.1960, -7.4916,
-23.8509

■ 208.7890,
-20.6020, -65.5900

■ 247.7230, -3.3144,
-10.2811

■ 198.8490,
-25.0686, -79.6746

255.0000, 0.0000,
0.0000

■ 189.3220,
-29.2457, -93.2444

■ 179.3820,
-33.7123, -107.3290

■ 169.8550,
-37.8895, -120.8988

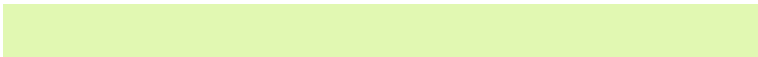
■ 160.2140,
-42.5035, -134.3687

■ 157.5510,
-43.6556, -138.1722

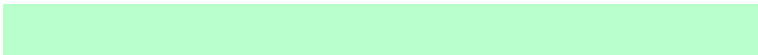
Harmonies

Analogous

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



233.1430, -27.1855, -7.1414



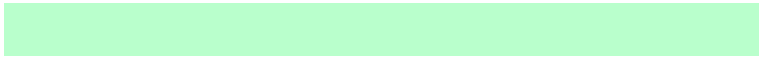
228.2560, -11.9582, -37.9355



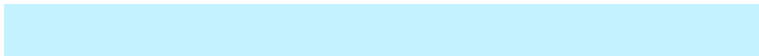
221.1830, 8.7838, -64.1815

Triad

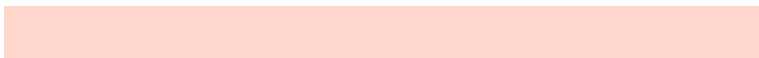
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.2560, -11.9582, -37.9355



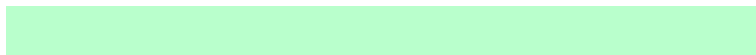
229.7280, 12.4591, -29.5795



226.4070, -10.5537, 25.0761

Complementary

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



228.2560, -11.9582, -37.9355



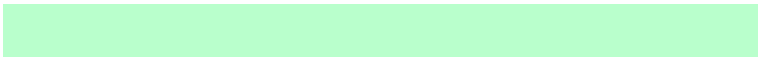
211.7440, 11.9582, 37.9355

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.



228.5220, 5.1657, 23.2212



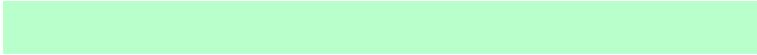
228.2560, -11.9582, -37.9355



237.6340, 8.5614, 7.3370

Square

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



228.2560, -11.9582, -37.9355



221.8440, 16.3459, -63.0072



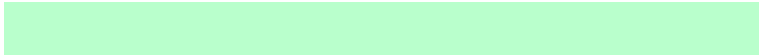
233.8680, 10.4181, 18.5328



228.7260, -24.5149, 23.0423

Rectangle

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



228.2560, -11.9582, -37.9355



218.5220, 17.9837, -75.0028



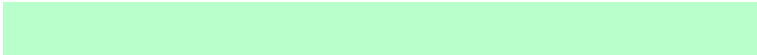
233.8680, 10.4181, 18.5328



226.4870, -5.1701, 25.0059

Sweetspot

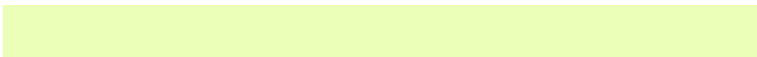
The Sweet Spot groups the original color and five complimentary colors.



228.2560, -11.9582, -37.9355



247.3100, -3.6038, -10.7959



241.3390, -27.7751, -4.6823



122.9730, -2.4517, -6.9923



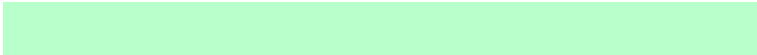
0.0000, 0.0000, 0.0000



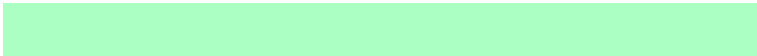
128.0000, 0.0000, 0.0000

Same Dimension

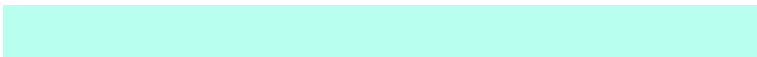
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.2560, -11.9582, -37.9355



222.9300, -14.2625, -45.5426



232.2460, 3.3297, -41.4347



122.9730, -2.4517, -6.9923



118.0450, -32.5602, -103.5255



39.5060, -11.0955, -34.6468

Inverse Universe

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



211.7440, 11.9582, 37.9355



203.0700, 14.2625, 45.5426



207.7540, -3.3297, 41.4347



119.9130, 2.0149, 7.0923



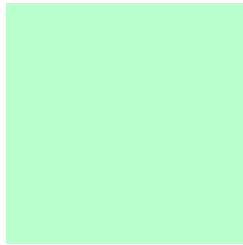
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 228.2560, -11.9582, -37.9355 looks on a white background.

Color Contrast Check

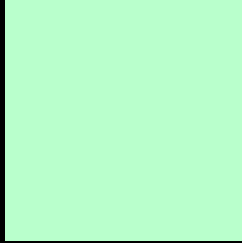
Large Text (above 18pt) WCAG AA × Fail

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 228.2560, -11.9582, -37.9355 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 228.2560, -11.9582, -37.9355 Background



This preview shows how black text looks on a background with the YUV color 228.2560, -11.9582, -37.9355.



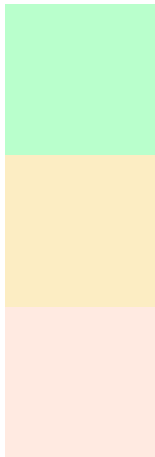
This preview shows how white text looks on a background with the YUV color 228.2560, -11.9582, -37.9355.

-37.9355.

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

228.2560, -11.9582, -37.9355

Protanopia

236.6970, -20.5566, 13.4207

Deuteranopia

239.2530, -7.0267, 13.8101



Tritanopia

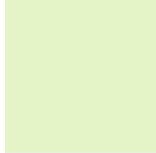
235.9960, 9.3690, -18.4135

Trichromacy



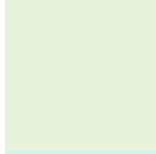
Original Color

228.2560, -11.9582, -37.9355



Protanomaly

233.9720, -17.7342, -5.2374



Deuteranomaly

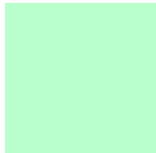
235.5620, -9.1511, -4.8779



Tritanomaly

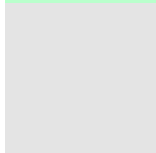
232.8890, 1.5337, -25.3357

Monochromacy



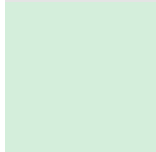
Original Color

228.2560, -11.9582, -37.9355



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0600, -4.4666, -14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2560, -11.9582, -37.9355 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(185, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 204)  
}
```

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(185, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 204) }
```

Border

The CSS property to change the border of an element to YUV 228.2560, -11.9582, -37.9355 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(185, 255, 204) }
```


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

```
.border{ border-color:rgb(185, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(185, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 228.2560, -11.9582, -37.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 204) }
```

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

```
.background{ background-color: rgb(185,  
255, 204) }
```

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