

Converting Colors

YUV(223.8290, -4.3527,
-50.7160)

Have a look what the booklet for
YUV(223.8290, -4.3527, -50.7160)
contains.

YUV(223.8290, -4.3527, -50.7160)	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(223.8290, -4.3527,
-50.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FFD7
RGB	166, 255, 215
RGB Percent	65%, 100%, 84%
CMY	0.3490, 0.0000, 0.1569
CMYK	0.35, 0.00, 0.16, 0.00
HSL	153°, 100%, 83%
HSV	153°, 35%, 100%
XYZ	63.7516, 84.5333, 77.2465
YIQ	223.8290, -40.2040, -31.3080

Conversions

Conversions Part 2

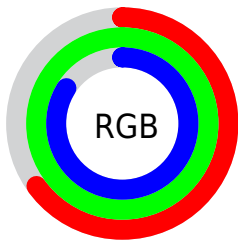
Format	Color
RYB	166, 223, 255
Decimal	10944471
CIELab	93.68, -35.09, 10.73
CIELCh	94, 36.692, 162.996
Yxy	84.5333, 0.2827, 0.3748
Android (android.graphics.Color)	4289134551 (0xFFA6FFD7)
YUV	223.8290, -4.3527, -50.7160
Hunter-Lab	91.9420, -37.1284, 14.5460

Details

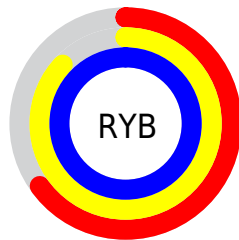
The YUV color $223.8290, -4.3527, -50.7160$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $197.1710, 4.3527, 50.7160$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $167.3560, -3.6265, -50.3012$ is the 20% darker color. If you saturate the color by 10%, you get $215.1000, -5.4723, -64.9857$, and if you desaturate by 10%, it is $232.8570, -3.3805, -35.8316$.

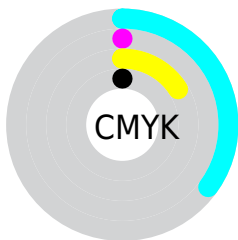
Distribution



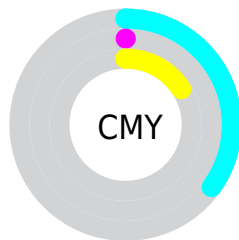
- Red (65%)
- Green (100%)
- Blue (84%)



- Red (65%)
- Yellow (87%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.8290, -4.3527, -50.7160 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 223.8290, -4.3527, -50.7160 by changing the saturation by 10% instead.

 223.8290, -4.3527,
-50.7160


 223.8290, -4.3527,
-50.7160

255.0000, 0.0000,
0.0000


 195.2420, -4.0633,
-50.2012


 245.4320, 4.7170,
-19.6729

 167.3560, -3.6265,
-50.3012

 254.4020, 0.2948,
-1.2296

 139.8830, -2.9003,
-49.8864

 112.8120, -1.8793,
-50.7011

 84.5340, -0.2633,
-55.7193

 60.9580, 0.0207,
-53.4602

 44.3620, -2.6435,

-38.9055

■ 28.5810, -4.7234,
-25.0655

■ 12.3270, -6.0772,
-10.8108

■ 223.8290, -4.3527,
-50.7160

■ 223.8290, -4.3527,
-50.7160

■ 215.1000, -5.4723,
-64.9857

■ 232.8570, -3.3805,
-35.8316

■ 205.9580, -6.8813,
-79.7702

■ 241.7000, -1.8241,
-21.6619

■ 197.2290, -8.0009,
-94.0398

■ 250.7280, -0.8519,
-6.7775

■ 188.0870, -9.4099,
-108.8243

■ 255.0000, 0.0000,
0.0000

■ 179.0590,
-10.3821, -123.7087

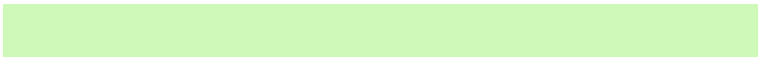
■ 170.2160,
-11.9385, -137.8784

■ 165.6450,
-12.6430, -145.2707

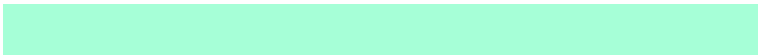
Harmonies

Analogous

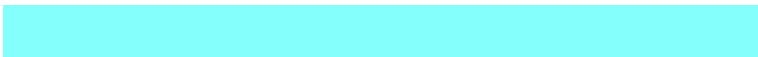
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0320, -22.2008, -19.3221



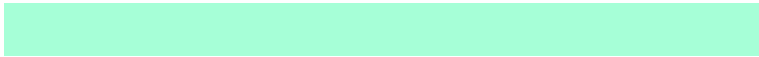
223.8290, -4.3527, -50.7160



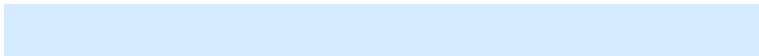
218.0660, 16.2365, -74.6029

Triad

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



223.8290, -4.3527, -50.7160



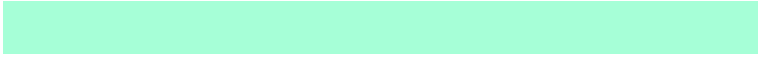
231.0010, 11.8315, -14.9099



225.2840, -17.3950, 26.0609

Complementary

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



223.8290, -4.3527, -50.7160



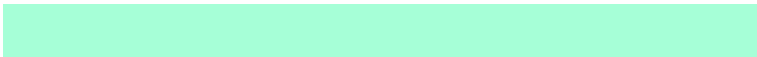
197.1710, 4.3527, 50.7160

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.



225.5240, -1.2443, 25.8505



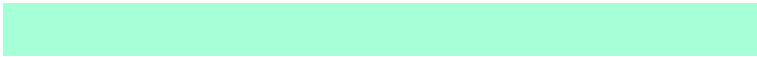
223.8290, -4.3527, -50.7160



235.6290, 9.5499, 16.9884

Square

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



223.8290, -4.3527, -50.7160



222.2090, 16.1660, -51.9263



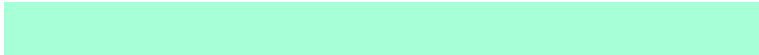
230.3460, 12.1544, 21.6216



229.4610, -29.3143, 22.3977

Rectangle

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



223.8290, -4.3527, -50.7160



216.4290, 19.0155, -79.3062



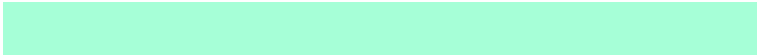
230.3460, 12.1544, 21.6216



224.6630, -12.1589, 26.6055

Sweetspot

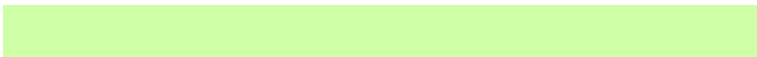
The Sweet Spot groups the original color and five complimentary colors.



223.8290, -4.3527, -50.7160



246.2710, -1.1196, -14.2697



230.2030, -31.6521, -21.2260



122.4180, -0.6991, -9.1366



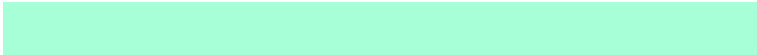
0.0000, 0.0000, 0.0000



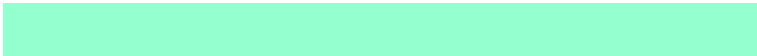
128.0000, 0.0000, 0.0000

Same Dimension

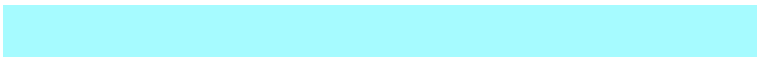
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.8290, -4.3527, -50.7160



217.5350, -5.1938, -60.9822



226.0410, 14.2768, -52.6560



123.4290, -0.7045, -7.3922



124.0870, -9.4099, -108.8243



41.5580, -3.2331, -36.4464

Inverse Universe

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



197.1710, 4.3527, 50.7160



185.4650, 5.1938, 60.9822



194.9590, -14.2768, 52.6560



119.4570, 0.2677, 7.4922



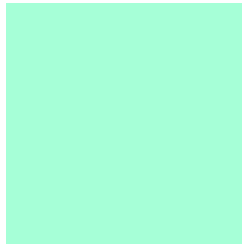
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 223.8290, -4.3527, -50.7160 looks on a white background.

Color Contrast Check

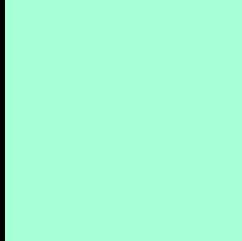
Large Text (above 18pt) WCAG AA × Fail

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 223.8290, -4.3527, -50.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

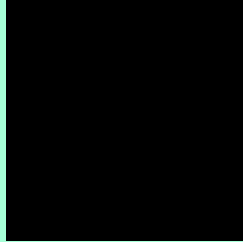
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 223.8290, -4.3527, -50.7160

Background



This preview shows how black text looks on a background with the YUV color 223.8290, -4.3527, -50.7160.



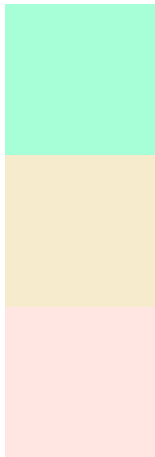
This preview shows how white text looks on a background with the YUV color 223.8290, -4.3527, -50.7160.

-50.7160.

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

223.8290, -4.3527, -50.7160

Protanopia

235.1680, -14.8728, 10.3767

Deuteranopia

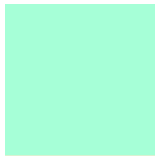
237.0190, -5.4324, 15.7693



Tritanopia

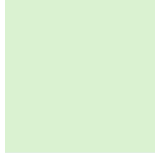
232.7070, 10.9904, -25.1760

Trichromacy



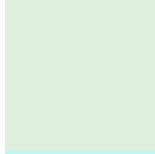
Original Color

223.8290, -4.3527, -50.7160



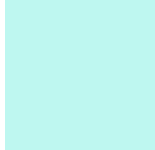
Protanomaly

231.0620, -10.8766, -11.4554



Deuteranomaly

232.2780, -5.0671, -8.1368



Tritanomaly

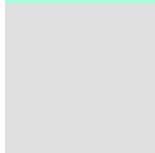
229.1590, 5.3446, -34.3424

Monochromacy



Original Color

223.8290, -4.3527, -50.7160



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.8360, -1.3981, -18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.8290, -4.3527, -50.7160 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(166, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 215)  
}
```

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(166, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 215) }
```

Border

The CSS property to change the border of an element to YUV 223.8290, -4.3527, -50.7160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

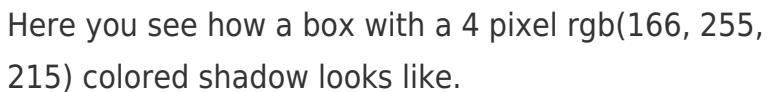
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 255, 215) }
```


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

```
.border{ border-color:rgb(166, 255, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 255, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 255, 215); box-shadow:4px 4px 4px 4px rgb(166, 255, 215) }
```

Background

The CSS property to change the background color of an element to YUV 223.8290, -4.3527, -50.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 215) }
```

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

```
.background{ background-color: rgb(166,  
255, 215) }
```

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