

Converting Colors

YUV(216.1230, -3.5116,
-40.4499)

Have a look what the booklet for
YUV(216.1230, -3.5116, -40.4499)
contains.

YUV(216.1230, -3.5116, -40.4499)	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(216.1230, -3.5116,
-40.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF1D1
RGB	170, 241, 209
RGB Percent	67%, 95%, 82%
CMY	0.3333, 0.0549, 0.1804
CMYK	0.29, 0.00, 0.13, 0.05
HSL	153°, 72%, 81%
HSV	153°, 29%, 95%
XYZ	59.5415, 76.0601, 71.8645
YIQ	216.1230, -32.0440, -25.0040

Conversions

Conversions Part 2

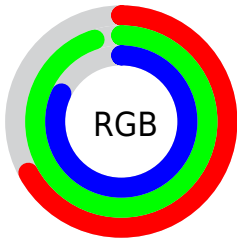
Format	Color
RYB	170, 216, 241
Decimal	11203025
CIELab	89.89, -28.59, 8.43
CIELCh	90, 29.805, 163.568
Yxy	76.0601, 0.2870, 0.3666
Android (android.graphics.Color)	4289393105 (0xFFAAF1D1)
YUV	216.1230, -3.5116, -40.4499
Hunter-Lab	87.2124, -30.7566, 12.1928

Details

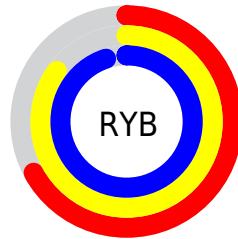
The YUV color **216.1230, -3.5116, -40.4499** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **194.8770, 3.5116, 40.4499**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **160.9490, -2.9329, -39.4203** is the 20% darker color. If you saturate the color by 10%, you get **207.6930, -4.7786, -54.1048**, and if you desaturate by 10%, it is **224.5530, -2.2446, -26.7950**.

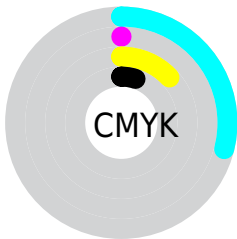
Distribution



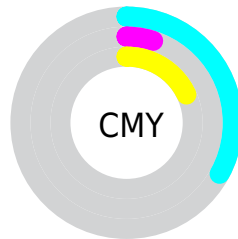
- Red (67%)
- Green (95%)
- Blue (82%)



- Red (67%)
- Yellow (85%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)





- Cyan (33%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1230, -3.5116, -40.4499 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 216.1230, -3.5116, -40.4499 by changing the saturation by 10% instead.


 216.1230, -3.5116,
-40.4499


 216.1230, -3.5116,
-40.4499

255.0000, 0.0000,
0.0000


 187.8350, -3.3697,
-39.3203

 246.6280, 4.1274,
-17.2138

 160.9490, -2.9329,
-39.4203

 134.0630, -2.4961,
-39.5203

 107.4760, -2.2067,
-39.0055

 81.9920, -1.4751,
-40.3350

 54.3440, 1.3094,
-46.7827

 38.0360, -1.4967,

-33.3576

■ 22.7280, -4.3029,
-19.9325

■ 0.0000, 0.0000,
0.0000

■ 216.1230, -3.5116,
-40.4499

■ 216.1230, -3.5116,
-40.4499

■ 207.6930, -4.7786,
-54.1048

■ 224.5530, -2.2446,
-26.7950

■ 199.2630, -6.0457,
-67.7597

■ 232.9830, -0.9776,
-13.1401

■ 190.8330, -7.3127,
-81.4145

■ 241.4130, 0.2894,
0.5148

■ 182.5170, -8.1429,
-95.1694

■ 246.4400, 2.7411,
7.5071

■ 174.0870, -9.4099,
-108.8243

■ 246.7820, 4.0515,
7.2072

■ 165.3580,
-10.5295, -123.0940

■ 156.9280,
-11.7965, -136.7489

■ 156.5150,
-12.0859, -137.2637

Harmonies

Analogous

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



219.9060, -17.7017, -15.7036



216.1230, -3.5116, -40.4499



213.1390, 12.2565, -58.0039

Triad

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



216.1230, -3.5116, -40.4499



223.0490, 15.7518, -12.3210



220.9470, -16.2429, 29.8645

Complementary

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



216.1230, -3.5116, -40.4499



194.8770, 3.5116, 40.4499

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.



221.5630, -3.7286, 29.3242



216.1230, -3.5116, -40.4499



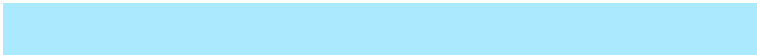
228.5410, 13.0443, 16.1885

Square

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



216.1230, -3.5116, -40.4499



216.9700, 18.7488, -40.3157



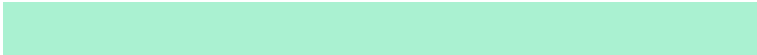
225.4560, 8.6492, 25.9101



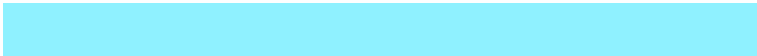
224.4060, -25.8362, 26.8309

Rectangle

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



216.1230, -3.5116, -40.4499



213.2940, 20.5611, -61.6478



225.4560, 8.6492, 25.9101



220.6850, -12.1697, 30.0943

Sweetspot

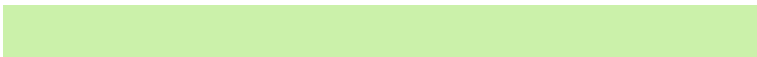
The Sweet Spot groups the original color and five complimentary colors.



216.1230, -3.5116, -40.4499



246.9830, -0.9776, -13.1401



221.5440, -25.4112, -16.2631



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



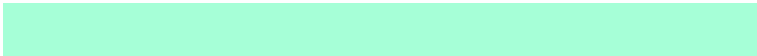
128.0000, 0.0000, 0.0000

Same Dimension

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



216.1230, -3.5116, -40.4499



223.8290, -4.3527, -50.7160



218.5970, 11.0447, -42.6196



115.7280, -0.8519, -6.7775



119.5220, -9.1313, -104.8208



36.4060, -2.6652, -31.9281

Inverse Universe

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



194.8770, 3.5116, 40.4499



197.1710, 4.3527, 50.7160



192.4030, -11.0447, 42.6196



112.1580, 0.4151, 6.8774



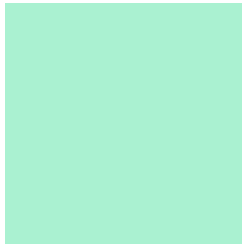
64.4780, 9.1313, 104.8208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 216.1230, -3.5116, -40.4499 looks on a white background.

Color Contrast Check

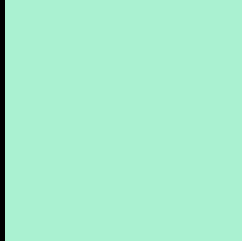
Large Text (above 18pt) WCAG AA × Fail

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 216.1230, -3.5116, -40.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

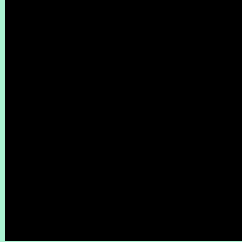
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

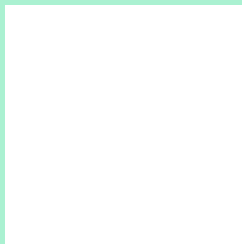
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.1230, -3.5116, -40.4499

Background



This preview shows how black text looks on a background with the YUV color 216.1230, -3.5116, -40.4499.



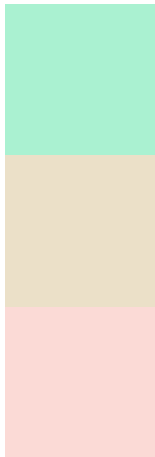
This preview shows how white text looks on a background with the YUV color 216.1230, -3.5116,

-40.4499.

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

216.1230, -3.5116, -40.4499

Protanopia

224.5530, -12.1046, 9.1620

Deuteranopia

227.4110, -6.6116, 20.6876



Tritanopia

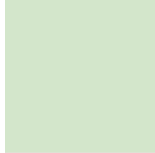
220.3080, 16.1172, -36.2271

Trichromacy



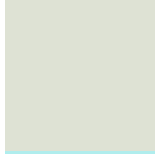
Original Color

216.1230, -3.5116, -40.4499



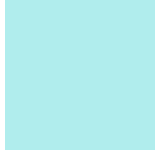
Protanomaly

221.2410, -8.9928, -8.9814



Deuteranomaly

223.2080, -5.5255, -1.0594



Tritanomaly

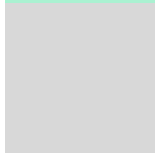
218.7610, 8.9918, -37.5014

Monochromacy



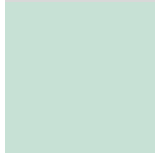
Original Color

216.1230, -3.5116, -40.4499



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.8580, -1.4090, -14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1230, -3.5116, -40.4499 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(170, 241, 209)` looks like.

```
.text, #text, p{  
    color:rgb(170, 241, 209)  
}
```

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(170, 241, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 241, 209) }
```

Border

The CSS property to change the border of an element to YUV 216.1230, -3.5116, -40.4499 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(170, 241, 209) }
```


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

```
.border{ border-color:rgb(170, 241, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 241, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 241, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 241, 209);  
box-shadow:4px 4px 4px 4px rgb(170, 241,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 216.1230, -3.5116, -40.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 241, 209) }
```

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

```
.background{ background-color: rgb(170,  
241, 209) }
```

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