

Converting Colors

YUV(215.2640, -41.0492,
-40.5735)

Have a look what the booklet for
YUV(215.2640, -41.0492, -40.5735)
contains.

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Color

**YUV(215.2640, -41.0492,
-40.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FF84
RGB	169, 255, 132
RGB Percent	66%, 100%, 52%
CMY	0.3373, 0.0000, 0.4824
CMYK	0.34, 0.00, 0.48, 0.00
HSL	102°, 100%, 76%
HSV	102°, 48%, 100%
XYZ	56.2870, 81.6210, 34.6176
YIQ	215.2640, -11.7730, -56.4850

Conversions

Conversions Part 2

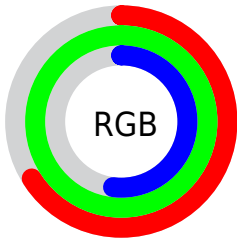
Format	Color
RYB	132, 255, 218
Decimal	11140996
CIELab	92.41, -47.39, 50.41
CIElCh	92, 69.186, 133.234
Yxy	81.6210, 0.3263, 0.4731
Android (android.graphics.Color)	4289331076 (0xFFA9FF84)
YUV	215.2640, -41.0492, -40.5735
Hunter-Lab	90.3443, -46.8921, 40.5226

Details

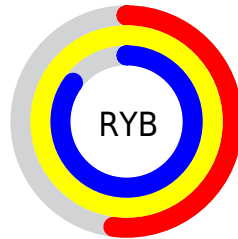
The YUV color $215.2640, -41.0492, -40.5735$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $171.7360, 41.0492, 40.5735$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.8760, -25.5749, -10.4153$, and $158.7200, -39.3020, -40.9734$ is the 20% darker color. If you saturate the color by 10%, you get $207.0320, -49.3158, -49.1401$, and if you desaturate by 10%, it is $223.6100, -32.3457, -32.1070$.

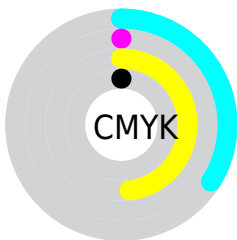
Distribution



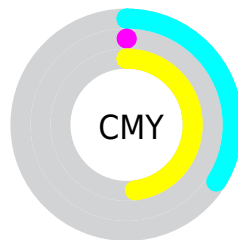
- Red (66%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2640, -41.0492, -40.5735 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 215.2640, -41.0492, -40.5735 by changing the saturation by 10% instead.

■ 215.2640,
-41.0492, -40.5735

■ 215.2640,
-41.0492, -40.5735

255.0000, 0.0000,
0.0000

■ 186.7910,
-40.3230, -40.1587

■ 238.8760,
-25.5749, -10.4153

■ 158.7200,
-39.3020, -40.9734

■ 250.4400,
-17.4719, 3.9991

■ 130.9480,
-38.4284, -41.1734

■ 253.7460, -4.8048,
1.0998

■ 102.8230,
-38.8597, -42.8178

■ 73.7620, -36.3647,
-49.7803

■ 53.4170, -26.3346,
-46.8467

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 9.3920, -4.6303,
-8.2368

■ 215.2640,
-41.0492, -40.5735

■ 215.2640,
-41.0492, -40.5735

■ 207.0320,
-49.3158, -49.1401

■ 223.6100,
-32.3457, -32.1070

■ 198.6860,
-58.0192, -57.6066

■ 231.8420,
-24.0791, -23.5404

■ 190.7530,
-66.4332, -65.5584

■ 239.8890,
-15.2283, -15.6887

■ 182.4070,
-75.1367, -74.0249

■ 248.1210, -6.9617,
-7.1221

■ 174.1750, 255.0000, 0.0000,
-83.4033, -82.5915 0.0000

■ 172.7080,
-85.1450, -83.9359

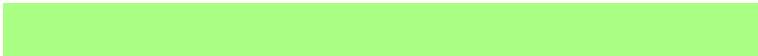
Harmonies

Analogous

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



224.0080, -62.6149, 16.6560



215.2640, -41.0492, -40.5735



182.7500, 5.0533, -127.8227

Triad

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



215.2640, -41.0492, -40.5735



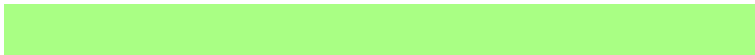
176.4070, 38.7463, -154.7089



203.0410, 1.4588, 45.5680

Complementary

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



215.2640, -41.0492, -40.5735



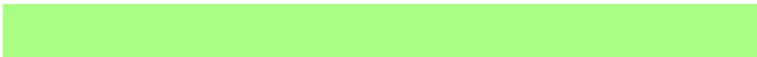
171.7360, 41.0492, 40.5735

Split Complementary

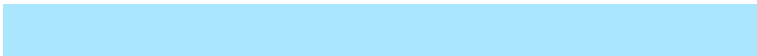
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.5620, 21.4149, 38.0951



215.2640, -41.0492, -40.5735



215.2090, 19.6170, -38.7713

Square

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



215.2640, -41.0492, -40.5735



178.7550, 37.5888, -156.7681



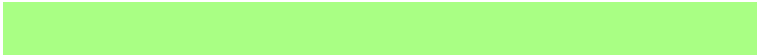
225.0630, 14.7589, 26.2547



205.4790, -29.8161, 43.4299

Rectangle

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



215.2640, -41.0492, -40.5735



176.9310, 30.6000, -155.1685



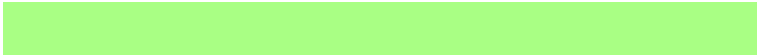
225.0630, 14.7589, 26.2547



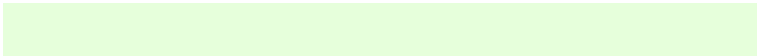
205.0760, 11.7945, 43.7833

Sweetspot

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



215.2640, -41.0492, -40.5735



243.4210, -12.0396, -11.7702



218.0850, -42.4399, 32.3745



120.7080, -7.2510, -7.6369



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

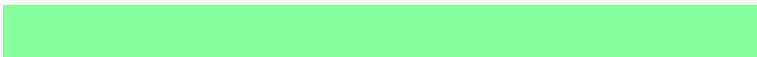
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.2640, -41.0492, -40.5735



207.3310, -49.4632, -48.5253



206.8230, -25.5487, -65.6198



123.8270, -4.3517, -4.2333



129.4590, -63.8233, -62.6695



43.2490, -21.3218, -21.2664

Inverse Universe

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



171.7360, 41.0492, 40.5735



154.9680, 49.3158, 49.1401



180.1770, 25.5487, 65.6198



119.1730, 4.3517, 4.2333



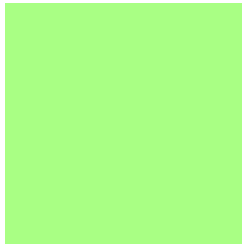
61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664

Previews

White Background



This preview shows how the YUV color 215.2640, -41.0492, -40.5735 looks on a white background.

Color Contrast Check

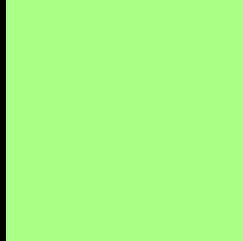
Large Text (above 18pt) WCAG AA × Fail

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 215.2640, -41.0492, -40.5735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

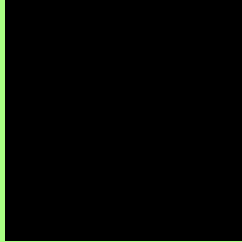
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

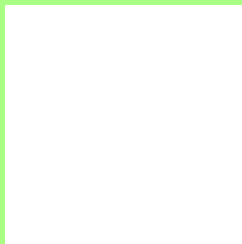
Any Text WCAG AAA ✓ Pass

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

YUV 215.2640, -41.0492, -40.5735 Background



This preview shows how black text looks on a background with the YUV color 215.2640, -41.0492, -40.5735.



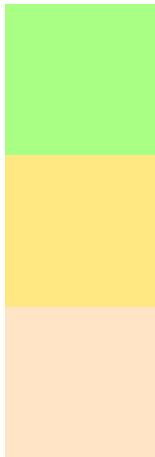
This preview shows how white text looks on a background with the YUV color 215.2640, -41.0492, -40.5735.

-40.5735.

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

215.2640, -41.0492, -40.5735

Protanopia

227.1350, -48.3806, 24.4376

Deuteranopia

232.6530, -17.0839, 19.5983



Tritanopia

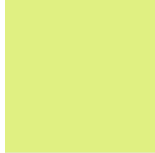
228.8640, 12.8850, -26.1907

Trichromacy



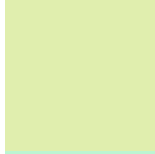
Original Color

215.2640, -41.0492, -40.5735



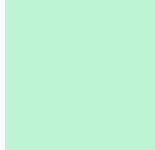
Protanomaly

222.6760, -45.6893, 1.1611



Deuteranomaly

226.5180, -25.8914, -2.2083



Tritanomaly

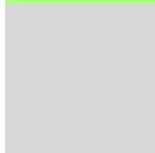
223.9670, -6.8857, -31.5431

Monochromacy



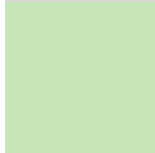
Original Color

215.2640, -41.0492, -40.5735



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3020, -14.9389, -15.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2640, -41.0492, -40.5735 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(169, 255, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 132)  
}
```

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(169, 255, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 132) }
```

Border

The CSS property to change the border of an element to YUV 215.2640, -41.0492, -40.5735 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(169, 255, 132) }
```


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

```
.border{ border-color:rgb(169, 255, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 215.2640, -41.0492, -40.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 132) }
```

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

```
.background{ background-color: rgb(169,  
255, 132) }
```

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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