

Converting Colors

YUV(167.2010, -82.4301,
-21.2243)

Have a look what the booklet for
YUV(167.2010, -82.4301, -21.2243)
contains.

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Color

**YUV(167.2010, -82.4301,
-21.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD400
RGB	143, 212, 0
RGB Percent	56%, 83%, 0%
CMY	0.4392, 0.1686, 1.0000
CMYK	0.33, 0.00, 1.00, 0.17
HSL	80°, 100%, 42%
HSV	80°, 100%, 83%
XYZ	34.8712, 52.9266, 8.3780
YIQ	167.2010, 26.9280, -80.5600

Conversions

Conversions Part 2

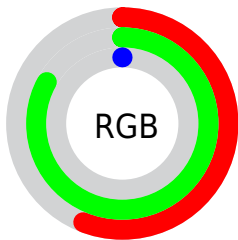
Format	Color
RYB	0, 212, 69
Decimal	9425920
CIELab	77.83, -46.50, 76.71
CIELCh	78, 89.708, 121.225
Yxy	52.9266, 0.3626, 0.5503
Android (android.graphics.Color)	4287616000 (0xFF8FD400)
YUV	167.2010, -82.4301, -21.2243
Hunter-Lab	72.7507, -41.7543, 44.0976

Details

The YUV color **167.2010, -82.4301, -21.2243** is a dark color, and the websafe version is hex **99CC00**, and the color name is **sheen green**. The color can be described as dark washed chartreuse. A complement of this color would be **44.7990, 82.4301, 21.2243**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7730, -66.4431, -15.5869**, and **117.2750, -57.8166, -29.1822** is the 20% darker color. If you saturate the color by 10%, you get **167.2010, -82.4301, -21.2243**, and if you desaturate by 10%, it is **171.6880, -74.2892, -19.0204**.

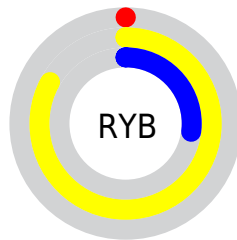
Distribution



Red (56%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (27%)

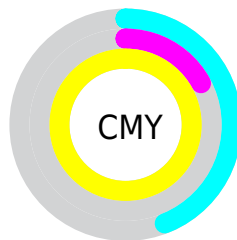


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (44%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.2010, -82.4301, -21.2243 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 167.2010, -82.4301, -21.2243 by changing the saturation by 10% instead.

■ 167.2010,
-82.4301, -21.2243

■ 167.2010,
-82.4301, -21.2243

■ 255.0000, 0.0000,
0.0000

■ 142.0940,
-70.0523, -24.6384

■ 219.7730,
-66.4431, -15.5869

■ 117.2750,
-57.8166, -29.1822

■ 232.0490,
-58.1982, -0.0430

■ 92.4560, -45.5808,
-33.7259

■ 242.2320,
-48.9214, 11.1975

■ 65.2230, -32.1549,
-46.6766

■ 245.5380,
-36.2542, 8.2982

■ 46.9600, -23.1513,
-41.1839

■ 248.8440,
-23.5871, 5.3988

■ 32.8720, -16.2059,
-28.8287

■ 252.2640,

■ 19.9580, -9.8393,

-10.4832, 2.3995

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 167.2010,
-82.4301, -21.2243

■ 171.6880,
-74.2892, -19.0204

■ 176.1750,
-66.1483, -16.8165

■ 180.7760,
-57.5706, -14.7126

■ 185.2630,
-49.4297, -12.5087

■ 189.7500,
-41.2888, -10.3048

■ 193.9380,
-33.0004, -8.7156

■ 198.4250,
-24.8595, -6.5117

■ 203.0260,
-16.2818, -4.4078

■ 207.5130, -8.1409,
-2.2039

Harmonies

Analogous

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



179.4030, -88.4457, 41.7426



167.2010, -82.4301, -21.2243



143.6860, -18.0862, -126.0126

Triad

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



167.2010, -82.4301, -21.2243



158.7970, 47.4281, -139.2650



156.9470, 17.7741, 85.9925

Complementary

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



167.2010, -82.4301, -21.2243



44.7990, 82.4301, 21.2243

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.



179.8640, 37.0420, 65.8943



167.2010, -82.4301, -21.2243



147.6440, 52.9265, -129.4838

Square

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



167.2010, -82.4301, -21.2243



163.4930, 45.1130, -143.3834



185.0940, 34.4637, 6.0566



158.1650, -23.2523, 84.9243

Rectangle

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



167.2010, -82.4301, -21.2243



152.5320, 5.6537, -133.7706



185.0940, 34.4637, 6.0566



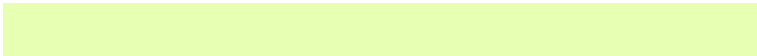
163.0740, 28.5575, 80.6191

Sweetspot

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



167.2010, -82.4301, -21.2243



238.8610, -29.5115, -7.7711



102.7170, -50.6395, 95.8412



118.2710, -17.8816, -4.6227



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.



167.2010, -82.4301, -21.2243



201.1130, -99.1487, -25.5321



136.1050, -67.0998, -85.1611



104.8490, -4.3626, -0.7446



134.7620, -66.4377, -17.3313



33.9120, -16.7186, -4.3078

Inverse Universe

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



44.7990, 82.4301, 21.2243



53.8870, 99.1487, 25.5321



75.8950, 67.0998, 85.1611



98.4500, 4.2152, 1.3594



36.2380, 66.4377, 17.3313



9.0880, 16.7186, 4.3078

Previews

White Background



This preview shows how the YUV color 167.2010, -82.4301, -21.2243 looks on a white background.

Color Contrast Check

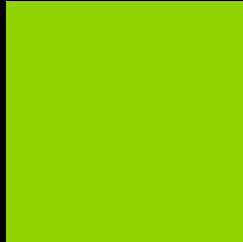
Large Text (above 18pt) WCAG AA × Fail

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 167.2010, -82.4301, -21.2243 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 167.2010, -82.4301, -21.2243 Background



This preview shows how black text looks on a background with the YUV color 167.2010, -82.4301, -21.2243.



This preview shows how white text looks on a background with the YUV color 167.2010, -82.4301, -21.2243.

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



Protanopia

177.2880, -87.4030, 33.9504

Deuteranopia

183.5670, -70.2855, 50.3687

Tritanopia

188.9570, 11.8532, -21.8873

Trichromacy



Protanomaly

173.3240, -85.4487, 13.7479

Deuteranomaly

177.5500, -74.7141, 24.0737

Tritanomaly

180.7220, -22.0479, -21.6812

Monochromacy



Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7470, -29.9483, -7.6711

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.2010, -82.4301, -21.2243 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(143, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 212, 0)  
}
```

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(143, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 212, 0) }
```

Border

The CSS property to change the border of an element to YUV 167.2010, -82.4301, -21.2243 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(143, 212, 0) }
```

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

```
.border{ border-color:rgb(143, 212, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 212, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 212,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 167.2010, -82.4301, -21.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 212, 0) }
```

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

```
.background{ background-color: rgb(143,  
212, 0) }
```

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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