

Converting Colors

YUV(177.6900, -87.6012,
-42.7011)

Have a look what the booklet for
YUV(177.6900, -87.6012, -42.7011)
contains.

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Color

**YUV(177.6900, -87.6012,
-42.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	81ED00
RGB	129, 237, 0
RGB Percent	51%, 93%, 0%
CMY	0.4941, 0.0706, 1.0000
CMYK	0.46, 0.00, 1.00, 0.07
HSL	87°, 100%, 46%
HSV	87°, 100%, 93%
XYZ	39.3374, 65.2355, 10.5184
YIQ	177.6900, 11.7090, -96.6030

Conversions

Conversions Part 2

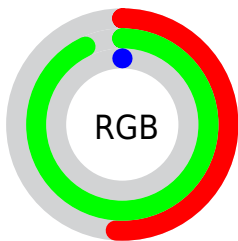
Format	Color
RYB	0, 237, 108
Decimal	8514816
CIELab	84.60, -61.03, 81.69
CIELCh	85, 101.968, 126.763
Yxy	65.2355, 0.3418, 0.5668
Android (android.graphics.Color)	4286704896 (0xFF81ED00)
YUV	177.6900, -87.6012, -42.7011
Hunter-Lab	80.7685, -54.4083, 48.8167

Details

The YUV color **177.6900, -87.6012, -42.7011** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **59.3100, 87.6012, 42.7011**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7550, -62.4902, -23.4641**, and **124.4970, -61.3770, -53.9329** is the 20% darker color. If you saturate the color by 10%, you get **177.6900, -87.6012, -42.7011**, and if you desaturate by 10%, it is **183.7150, -78.7395, -38.3381**.

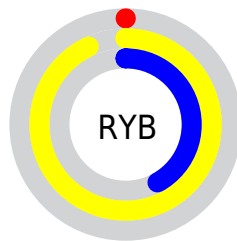
Distribution



Red (51%)

Green (93%)

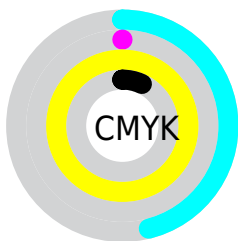
Blue (0%)



Red (0%)

Yellow (93%)

Blue (42%)

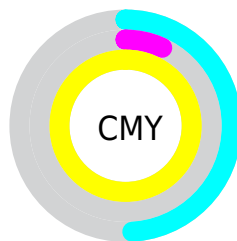


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (49%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6900, -87.6012, -42.7011 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 177.6900, -87.6012, -42.7011 by changing the saturation by 10% instead.

■ 177.6900,
-87.6012, -42.7011

■ 177.6900,
-87.6012, -42.7011

■ 255.0000, 0.0000,
0.0000

■ 151.3980,
-74.6392, -46.8300

■ 216.7550,
-62.4902, -23.4641

■ 124.4970,
-61.3770, -53.9329

■ 229.4440,
-53.9559, -7.4054

■ 93.6980, -46.1931,
-70.7721

■ 242.0190,
-45.8584, 8.7533

■ 73.9620, -36.4633,
-64.8647

■ 246.3360,
-33.1966, 7.5983

■ 58.7000, -28.9391,
-51.4799

■ 249.7560,
-20.0927, 4.5990

■ 44.0250, -21.7043,
-38.6099

■ 253.1760, -6.9888,

■ 30.5240, -15.0483,

1.5996

-26.7695

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 177.6900,
-87.6012, -42.7011

■ 183.7150,
-78.7395, -38.3381

■ 189.6260,
-70.3146, -33.8750

■ 195.3520,
-61.3055, -30.1267

■ 201.3770,
-52.4439, -25.7636

■ 207.2880,
-44.0190, -21.3006

■ 213.3130,
-35.1573, -16.9375

■ 219.3380,
-26.2956, -12.5744

■ 225.0640,
-17.2866, -8.8261

■ 230.9750, -8.8617,
-4.3631

Harmonies

Analogous

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



195.2850, -96.2755, 33.0761



177.6900, -87.6012, -42.7011



160.9830, -15.2746, -141.1821

Triad

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



177.6900, -87.6012, -42.7011



170.5370, 41.6403, -149.5609



155.3000, 19.0791, 87.4369

Complementary

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



177.6900, -87.6012, -42.7011



59.3100, 87.6012, 42.7011

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.



177.5160, 38.1996, 67.9535



177.6900, -87.6012, -42.7011



155.8620, 48.8750, -136.6910

Square

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



177.6900, -87.6012, -42.7011



176.9940, 38.4570, -155.2237



202.3700, 25.9466, 31.2475



164.0690, -31.0930, 79.7465

Rectangle

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



177.6900, -87.6012, -42.7011



170.9690, 12.8333, -149.9398



202.3700, 25.9466, 31.2475



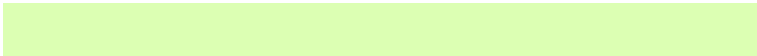
160.1220, 32.4779, 83.2080

Sweetspot

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



177.6900, -87.6012, -42.7011



235.8710, -28.0374, -13.9189



133.6720, -65.9003, 90.6187



116.4770, -16.9972, -8.3113



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.



177.6900, -87.6012, -42.7011



191.2460, -94.2843, -45.8197



142.7070, -70.3546, -114.6300



114.2510, -4.0677, -1.9741



135.8480, -66.9731, -32.3157



40.3690, -19.9019, -9.9706

Inverse Universe

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



59.3100, 87.6012, 42.7011



63.7540, 94.2843, 45.8197



94.2930, 70.3546, 114.6300



108.7490, 4.0677, 1.9741



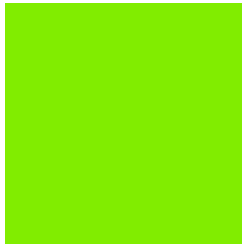
45.4510, 66.8257, 32.9305



13.3320, 20.0493, 9.3558

Previews

White Background



This preview shows how the YUV color 177.6900, -87.6012, -42.7011 looks on a white background.

Color Contrast Check

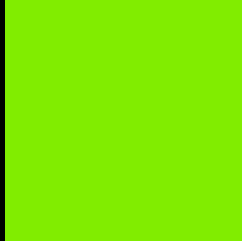
Large Text (above 18pt) WCAG AA × Fail

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 177.6900, -87.6012, -42.7011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

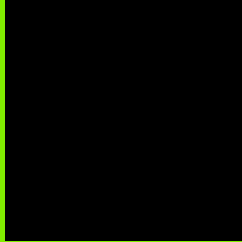
Any Text WCAG AA ✓ Pass

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 177.6900, -87.6012, -42.7011 Background



This preview shows how black text looks on a background with the YUV color 177.6900, -87.6012, -42.7011.



This preview shows how white text looks on a background with the YUV color 177.6900, -87.6012, -42.7011.

-42.7011.

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

194.1330, -95.7076, 37.5944

Deuteranopia

206.2020, -49.8926, 42.7958

Tritanopia

203.5140, 17.0016, -39.9158

Trichromacy



Protanomaly

188.3420, -92.8526, 8.4701

Deuteranomaly

195.7470, -63.4723, 11.6229

Tritanomaly

193.8290, -21.1147, -41.0690

Monochromacy



Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.5350, -31.8158, -15.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6900, -87.6012, -42.7011 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(129, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 237, 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(129, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 237, 0) }
```

Border

The CSS property to change the border of an element to YUV 177.6900, -87.6012, -42.7011 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(129, 237, 0) }
```

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

```
.border{ border-color:rgb(129, 237, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 237, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 237,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 177.6900, -87.6012, -42.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 237, 0) }
```

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

```
.background{ background-color: rgb(129,  
237, 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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