

Converting Colors

YUV(183.9690, -90.6967,
-29.7908)

Have a look what the booklet for
YUV(183.9690, -90.6967, -29.7908)
contains.

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Color

**YUV(183.9690, -90.6967,
-29.7908)**

Conversions

Conversions Part 1

Format	Color
Hex	96ED00
RGB	150, 237, 0
RGB Percent	59%, 93%, 0%
CMY	0.4118, 0.0706, 1.0000
CMYK	0.37, 0.00, 1.00, 0.07
HSL	82°, 100%, 46%
HSV	82°, 100%, 93%
XYZ	42.8619, 67.0524, 10.6834
YIQ	183.9690, 24.2250, -92.1510

Conversions

Conversions Part 2

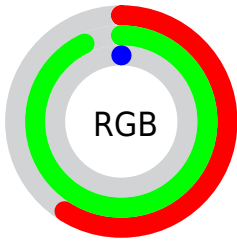
Format	Color
RYB	0, 237, 87
Decimal	9891072
CIELab	85.53, -54.21, 82.81
CIElCh	86, 98.971, 123.209
Yxy	67.0524, 0.3554, 0.5560
Android (android.graphics.Color)	4288081152 (0xFF96ED00)
YUV	183.9690, -90.6967, -29.7908
Hunter-Lab	81.8855, -49.8663, 49.5845

Details

The YUV color **183.9690, -90.6967, -29.7908** 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 **53.0310, 90.6967, 29.7908**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7350, -65.4384, -11.1686**, and **132.2710, -65.2096, -37.9487** is the 20% darker color. If you saturate the color by 10%, you get **183.9690, -90.6967, -29.7908**, and if you desaturate by 10%, it is **189.3960, -81.5402, -26.6573**.

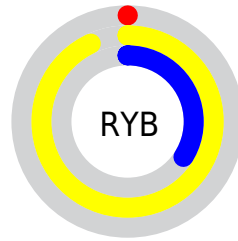
Distribution



Red (59%)

Green (93%)

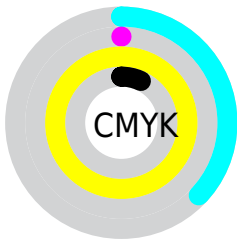
Blue (0%)



Red (0%)

Yellow (93%)

Blue (34%)

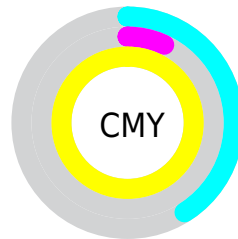


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (41%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9690, -90.6967, -29.7908 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 183.9690, -90.6967, -29.7908 by changing the saturation by 10% instead.

■ 183.9690,
-90.6967, -29.7908

■ 183.9690,
-90.6967, -29.7908

■ 255.0000, 0.0000,
0.0000

■ 157.9760,
-77.8822, -33.3050

■ 222.7350,
-65.4384, -11.1686

■ 132.2710,
-65.2096, -37.9487

■ 235.4240,
-56.9040, 4.8902

■ 106.5550,
-52.5316, -44.3367

■ 243.0300,
-45.8638, 10.4977

■ 76.6420, -37.7845,
-61.0760

■ 246.4500,
-32.7599, 7.4983

■ 59.2870, -29.2285,
-51.9947

■ 249.7560,
-20.0927, 4.5990

■ 44.6120, -21.9937,
-39.1247

■ 253.1760, -6.9888,

■ 30.5240, -15.0483,

1.5996

-26.7695

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 183.9690,
-90.6967, -29.7908

■ 189.3960,
-81.5402, -26.6573

■ 194.4100,
-72.6731, -24.0386

■ 199.8370,
-63.5166, -20.9050

■ 205.2640,
-54.3602, -17.7715

■ 210.5770,
-45.6405, -14.5380

■ 215.7050,
-36.3366, -12.0193

■ 221.1320,
-27.1801, -8.8858

■ 226.5590,
-18.0236, -5.7522

■ 231.5730, -9.1565,
-3.1335

Harmonies

Analogous

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



198.8840, -98.0498, 42.1977



183.9690, -90.6967, -29.7908



160.8860, -18.1848, -141.0970

Triad

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



183.9690, -90.6967, -29.7908



172.8850, 40.4827, -151.6201



162.7660, 22.3004, 80.8892

Complementary

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



183.9690, -90.6967, -29.7908



53.0310, 90.6967, 29.7908

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.



185.1470, 34.4375, 61.2611



183.9690, -90.6967, -29.7908



159.3840, 47.1387, -139.7798

Square

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



183.9690, -90.6967, -29.7908



178.7550, 37.5888, -156.7681



203.7550, 25.2638, 16.8779



167.0670, -24.6830, 77.1172

Rectangle

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



183.9690, -90.6967, -29.7908



170.6440, 9.0495, -149.6548



203.7550, 25.2638, 16.8779



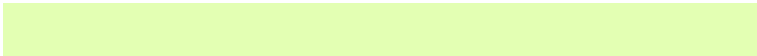
169.2350, 34.3941, 75.2159

Sweetspot

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



183.9690, -90.6967, -29.7908



237.9640, -29.0693, -9.6154



121.9320, -60.1125, 100.9146



117.6730, -17.5868, -5.8522



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.



183.9690, -90.6967, -29.7908



197.8240, -97.5272, -32.2946



148.6870, -73.3027, -102.3345



114.5500, -4.2152, -1.3594



140.6320, -69.3316, -22.4793



41.8640, -20.6390, -6.8967

Inverse Universe

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



53.0310, 90.6967, 29.7908



57.1760, 97.5272, 32.2946



88.3130, 73.3027, 102.3345



108.4500, 4.2152, 1.3594



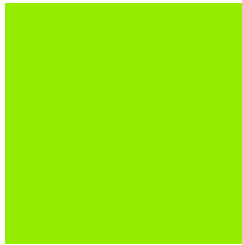
40.3680, 69.3316, 22.4793



12.1360, 20.6390, 6.8967

Previews

White Background



This preview shows how the YUV color 183.9690, -90.6967, -29.7908 looks on a white background.

Color Contrast Check

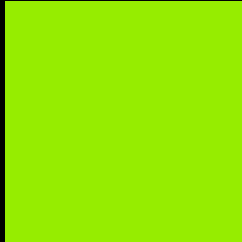
Large Text (above 18pt) WCAG AA × Fail

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 183.9690, -90.6967, -29.7908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

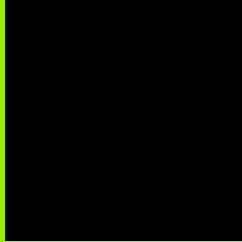
Any Text WCAG AA ✓ Pass

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 183.9690, -90.6967, -29.7908 Background



This preview shows how black text looks on a background with the YUV color 183.9690, -90.6967, -29.7908.



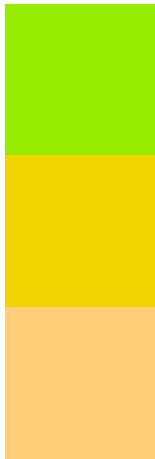
This preview shows how white text looks on a background with the YUV color 183.9690, -90.6967, -29.7908.

-29.7908.

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

183.9690, -90.6967, -29.7908

Protanopia

196.7910, -97.0180, 37.8943

Deuteranopia

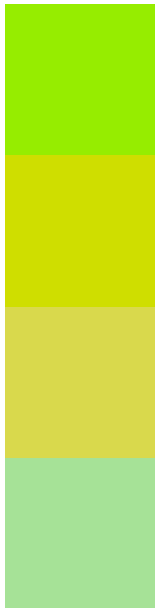
210.2600, -44.4982, 39.2370



Tritanopia

208.5970, 14.4957, -29.4646

Trichromacy



Original Color

183.9690, -90.6967, -29.7908

Protanomaly

192.2070, -94.7581, 12.9735

Deuteranomaly

200.9260, -61.5885, 14.0969

Tritanomaly

199.5100, -23.9154, -29.3883

Monochromacy



Original Color

183.9690, -90.6967, -29.7908

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.9270, -32.9950, -10.4600

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9690, -90.6967, -29.7908 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(150, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 237, 0) }
```

Border

The CSS property to change the border of an element to YUV 183.9690, -90.6967, -29.7908 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(150, 237, 0) }
```


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

```
.border{ border-color:rgb(150, 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(150, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 237,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 183.9690, -90.6967, -29.7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 237, 0) }
```

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

```
.background{ background-color: rgb(150,  
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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