

Converting Colors

YUV(182.4850, -89.9651,
-31.1203)

Have a look what the booklet for
YUV(182.4850, -89.9651, -31.1203)
contains.

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Color

**YUV(182.4850, -89.9651,
-31.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	93EC00
RGB	147, 236, 0
RGB Percent	58%, 93%, 0%
CMY	0.4235, 0.0745, 1.0000
CMYK	0.38, 0.00, 1.00, 0.07
HSL	83°, 100%, 46%
HSV	83°, 100%, 93%
XYZ	42.0281, 66.1939, 10.5616
YIQ	182.4850, 22.7120, -92.2640

Conversions

Conversions Part 2

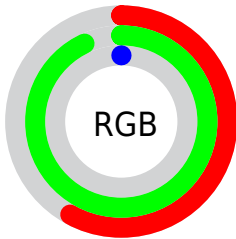
Format	Color
RYB	0, 236, 89
Decimal	9694208
CIELab	85.10, -54.83, 82.41
CIELCh	85, 98.983, 123.639
Yxy	66.1939, 0.3538, 0.5573
Android (android.graphics.Color)	4287884288 (0xFF93EC00)
YUV	182.4850, -89.9651, -31.1203
Hunter-Lab	81.3597, -50.1714, 49.2551

Details

The YUV color **182.4850, -89.9651, -31.1203** 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 **53.5150, 89.9651, 31.1203**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8380, -64.9961, -13.0129**, and **130.7870, -64.4780, -39.2782** is the 20% darker color. If you saturate the color by 10%, you get **182.4850, -89.9651, -31.1203**, and if you desaturate by 10%, it is **187.9120, -80.8086, -27.9868**.

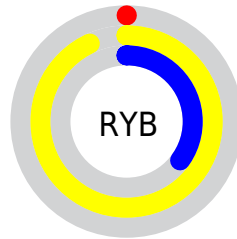
Distribution



Red (58%)

Green (93%)

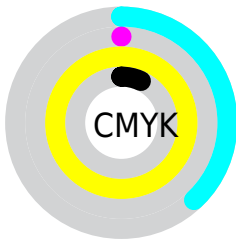
Blue (0%)



Red (0%)

Yellow (93%)

Blue (35%)

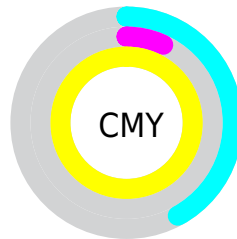


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.4850, -89.9651, -31.1203 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 182.4850, -89.9651, -31.1203 by changing the saturation by 10% instead.

■ 182.4850,
-89.9651, -31.1203

■ 182.4850,
-89.9651, -31.1203

■ 255.0000, 0.0000,
0.0000

■ 156.4920,
-77.1506, -34.6345

■ 221.8380,
-64.9961, -13.0129

■ 130.7870,
-64.4780, -39.2782

■ 234.5270,
-56.4618, 3.0458

■ 104.7720,
-51.6526, -46.2810

■ 243.0300,
-45.8638, 10.4977

■ 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,

■ 29.9370, -14.7589,

1.5996

-26.2547

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 182.4850,
-89.9651, -31.1203

■ 187.9120,
-80.8086, -27.9868

■ 193.2250,
-72.0889, -24.7533

■ 198.6520,
-62.9324, -21.6198

■ 203.9650,
-54.2127, -18.3863

■ 209.0930,
-44.9088, -15.8676

■ 214.5200,
-35.7524, -12.7340

■ 219.8330,
-27.0327, -9.5005

■ 225.2600,
-17.8762, -6.3670

■ 230.5730, -9.1565,
-3.1335

Harmonies

Analogous

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



197.4000, -97.3182, 40.8682



182.4850, -89.9651, -31.1203



160.2990, -17.8954, -140.5822

Triad

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



182.4850, -89.9651, -31.1203



172.2980, 40.7721, -151.1053



161.8370, 21.2794, 81.7040

Complementary

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



182.4850, -89.9651, -31.1203



53.5150, 89.9651, 31.1203

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.



183.9730, 35.0163, 62.2907



182.4850, -89.9651, -31.1203



158.7970, 47.4281, -139.2650

Square

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



182.4850, -89.9651, -31.1203



177.5810, 38.1676, -155.7385



202.8800, 25.6952, 18.5222



166.1380, -25.7040, 77.9320

Rectangle

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



182.4850, -89.9651, -31.1203



170.0570, 9.3389, -149.1400



202.8800, 25.6952, 18.5222



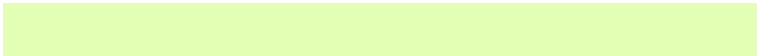
167.8330, 34.0993, 76.4455

Sweetspot

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



182.4850, -89.9651, -31.1203



237.6650, -28.9218, -10.2302



121.6330, -59.9651, 100.2999



117.3740, -17.4394, -6.4670



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.



182.4850, -89.9651, -31.1203



197.2260, -97.2324, -33.5242



147.8010, -72.8659, -102.4345



114.5500, -4.2152, -1.3594



140.0340, -69.0368, -23.7088



41.5650, -20.4915, -7.5115

Inverse Universe

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



53.5150, 89.9651, 31.1203



57.7740, 97.2324, 33.5242



88.1990, 72.8659, 102.4345



108.4500, 4.2152, 1.3594



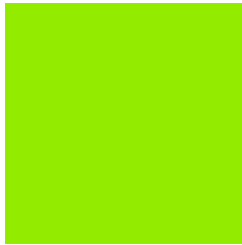
40.9660, 69.0368, 23.7088



12.1360, 20.6390, 6.8967

Previews

White Background



This preview shows how the YUV color 182.4850, -89.9651, -31.1203 looks on a white background.

Color Contrast Check

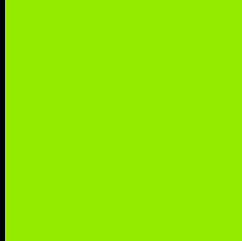
Large Text (above 18pt) WCAG AA × Fail

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 182.4850, -89.9651, -31.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

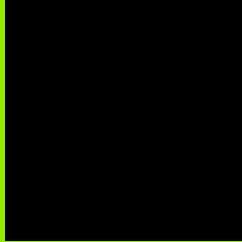
Any Text WCAG AA ✓ Pass

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 182.4850, -89.9651, -31.1203 Background



This preview shows how black text looks on a background with the YUV color 182.4850, -89.9651, -31.1203.



This preview shows how white text looks on a background with the YUV color 182.4850, -89.9651, -31.1203.

-31.1203.

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

182.4850, -89.9651, -31.1203

Protanopia

195.9050, -96.5812, 37.7943

Deuteranopia

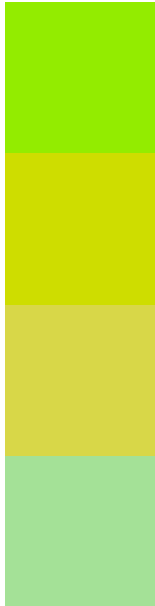
208.2880, -46.9770, 40.9664



Tritanopia

207.2980, 14.6431, -30.0793

Trichromacy



Original Color

182.4850, -89.9651, -31.1203

Protanomaly

191.3210, -94.3213, 12.8735

Deuteranomaly

198.9970, -62.6095, 14.9116

Tritanomaly

198.3250, -23.3312, -30.1030

Monochromacy



Original Color

182.4850, -89.9651, -31.1203

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.3290, -32.7002, -11.6895

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.4850, -89.9651, -31.1203 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(147, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 236, 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(147, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 236, 0) }
```

Border

The CSS property to change the border of an element to YUV 182.4850, -89.9651, -31.1203 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(147, 236, 0) }
```


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

```
.border{ border-color:rgb(147, 236, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 236, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 236,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 182.4850, -89.9651, -31.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 236, 0) }
```

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

```
.background{ background-color: rgb(147,  
236, 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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