

Converting Colors

YUV(189.5510, -93.4486,
-33.8092)

Have a look what the booklet for
YUV(189.5510, -93.4486, -33.8092)
contains.

YUV(189.5510, -93.4486, -33.8092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.5510, -93.4486,
-33.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	97F600
RGB	151, 246, 0
RGB Percent	59%, 96%, 0%
CMY	0.4078, 0.0353, 1.0000
CMYK	0.39, 0.00, 1.00, 0.04
HSL	83°, 100%, 48%
HSV	83°, 100%, 96%
XYZ	45.7183, 72.4908, 11.5825
YIQ	189.5510, 22.3460, -96.6460

Conversions

Conversions Part 2

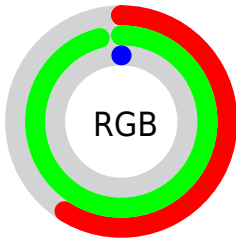
Format	Color
RYB	0, 246, 95
Decimal	9958912
CIELab	88.20, -57.40, 84.90
CIELCh	88, 102.480, 124.061
Yxy	72.4908, 0.3522, 0.5585
Android (android.graphics.Color)	4288148992 (0xFF97F600)
YUV	189.5510, -93.4486, -33.8092
Hunter-Lab	85.1416, -53.1490, 51.5334

Details

The YUV color **189.5510, -93.4486, -33.8092** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **56.4490, 93.4486, 33.8092**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5610, -64.8596, -10.1390**, and **137.5540, -67.8141, -42.5819** is the 20% darker color. If you saturate the color by 10%, you get **189.5510, -93.4486, -33.8092**, and if you desaturate by 10%, it is **195.0920, -83.8554, -30.7757**.

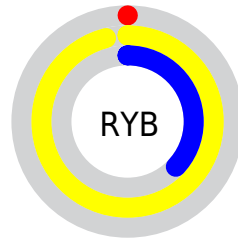
Distribution



Red (59%)

Green (96%)

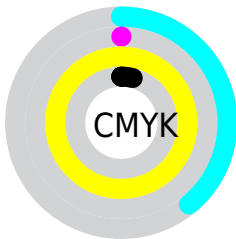
Blue (0%)



Red (0%)

Yellow (96%)

Blue (37%)

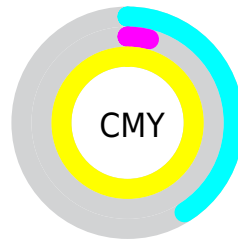


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (41%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5510, -93.4486, -33.8092 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 189.5510, -93.4486, -33.8092 by changing the saturation by 10% instead.

■ 189.5510,
-93.4486, -33.8092

■ 189.5510,
-93.4486, -33.8092

■ 255.0000, 0.0000,
0.0000

■ 163.2590,
-80.4867, -37.9381

■ 223.5610,
-64.8596, -10.1390

■ 137.5540,
-67.8141, -42.5819

■ 236.2500,
-56.3252, 5.9197

■ 110.9520,
-54.6993, -49.0699

■ 243.2580,
-44.9902, 10.2977

■ 78.6580, -38.7784,
-68.9831

■ 246.6780,
-31.8863, 7.2984

■ 63.3960, -31.2542,
-55.5983

■ 250.0980,
-18.7823, 4.2991

■ 48.7210, -24.0195,
-42.7283

■ 253.5180, -5.6784,

■ 34.6330, -17.0741,

1.2997

-30.3731

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 189.5510,
-93.4486, -33.8092

■ 195.0920,
-83.8554, -30.7757

■ 200.8180,
-74.8463, -27.0274

■ 206.6580,
-65.4004, -23.3791

■ 212.0850,
-56.2439, -20.2455

■ 217.9250,
-46.7980, -16.5972

■ 223.4660,
-37.2047, -13.5637

■ 229.1920,
-28.1957, -9.8154

■ 234.7330,
-18.6024, -6.7818

■ 240.4590, -9.5933,
-3.0335

Harmonies

Analogous

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



205.3740, -101.2494, 41.7680



189.5510, -93.4486, -33.8092



164.5050, -17.0110, -144.2709

Triad

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



189.5510, -93.4486, -33.8092



177.5810, 38.1676, -155.7385



164.3960, 23.4688, 79.4597

Complementary

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



189.5510, -93.4486, -33.8092



56.4490, 93.4486, 33.8092

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.



186.3210, 33.8587, 60.2315



189.5510, -93.4486, -33.8092



163.4930, 45.1130, -143.3834

Square

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



189.5510, -93.4486, -33.8092



178.7550, 37.5888, -156.7681



210.2780, 22.0479, 21.6812



169.5290, -25.4038, 74.9581

Rectangle

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



189.5510, -93.4486, -33.8092



172.2570, 12.6913, -151.0694



210.2780, 22.0479, 21.6812



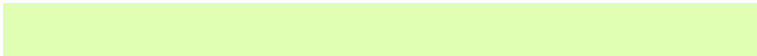
170.5060, 36.7255, 74.1012

Sweetspot

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



189.5510, -93.4486, -33.8092



237.3660, -28.7744, -10.8450



128.7320, -63.4649, 102.8440



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.



189.5510, -93.4486, -33.8092



196.6280, -96.9376, -34.7538



153.0730, -75.4650, -108.8120



119.4360, -4.6519, -1.2594



143.2680, -70.6311, -25.6680



45.3970, -22.3807, -8.2412

Inverse Universe

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



56.4490, 93.4486, 33.8092



58.3720, 96.9376, 34.7538



92.9270, 75.4650, 108.8120



112.8630, 4.5045, 1.8741



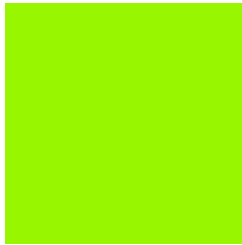
42.7320, 70.6311, 25.6680



13.6030, 22.3807, 8.2412

Previews

White Background



This preview shows how the YUV color 189.5510, -93.4486, -33.8092 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 189.5510, -93.4486, -33.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

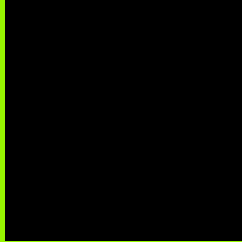
Any Text WCAG AA ✓ Pass

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 189.5510, -93.4486, -33.8092 Background



This preview shows how black text looks on a background with the YUV color 189.5510, -93.4486, -33.8092.



This preview shows how white text looks on a background with the YUV color 189.5510, -93.4486, -33.8092.

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

189.5510, -93.4486, -33.8092

Protanopia

203.8790, -100.5123, 38.6941

Deuteranopia

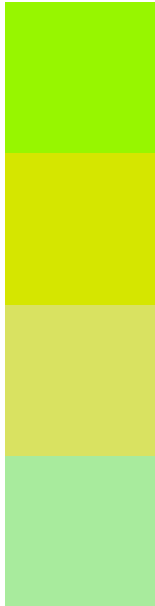
219.1910, -33.1252, 31.4045



Tritanopia

215.8030, 15.3801, -33.1532

Trichromacy



Original Color

189.5510, -93.4486, -33.8092

Protanomaly

198.6970, -97.9576, 12.5437

Deuteranomaly

208.6030, -55.0203, 7.3642

Tritanomaly

206.0750, -24.1940, -33.3918

Monochromacy



Original Color

189.5510, -93.4486, -33.8092

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.6880, -33.8632, -12.0044

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5510, -93.4486, -33.8092 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(151, 246, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 246, 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(151, 246, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 246, 0) }
```

Border

The CSS property to change the border of an element to YUV 189.5510, -93.4486, -33.8092 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(151, 246, 0) }
```


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

```
.border{ border-color:rgb(151, 246, 0) }
```

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

Here you see how a box with a 4 pixel rgb(151, 246, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 246, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 246, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 246,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 189.5510, -93.4486, -33.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 246, 0) }
```

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

```
.background{ background-color: rgb(151,  
246, 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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