

Converting Colors

YUV(188.5670, -90.9915,
-28.5613)

Have a look what the booklet for
YUV(188.5670, -90.9915, -28.5613)
contains.

YUV(188.5670, -90.9915, -28.5613)	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(188.5670, -90.9915,
-28.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF104
RGB	156, 241, 4
RGB Percent	61%, 95%, 2%
CMY	0.3882, 0.0549, 0.9843
CMYK	0.35, 0.00, 0.98, 0.05
HSL	82°, 97%, 48%
HSV	82°, 98%, 95%
XYZ	45.1875, 69.9873, 11.2421
YIQ	188.5670, 25.4170, -91.7270

Conversions

Conversions Part 2

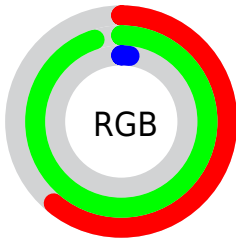
Format	Color
R_{YB}	4, 241, 89
Decimal	10285316
CIE _{Lab}	86.99, -53.69, 83.74
CIE _{LCh}	87, 99.475, 122.663
Yxy	69.9873, 0.3574, 0.5536
Android (android.graphics.Color)	4288475396 (0xFF9CF104)
YUV	188.5670, -90.9915, -28.5613
Hunter-Lab	83.6584, -49.9866, 50.5934

Details

The YUV color **188.5670, -90.9915, -28.5613** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **56.4330, 90.9915, 28.5613**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7570, -65.4492, -7.6799**, and **136.4130, -67.2516, -36.3192** is the 20% darker color. If you saturate the color by 10%, you get **187.8120, -92.5913, -28.7761**, and if you desaturate by 10%, it is **193.9940, -81.8350, -25.4277**.

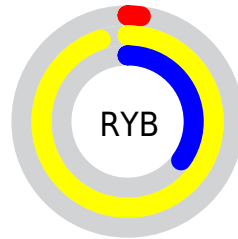
Distribution



Red (61%)

Green (95%)

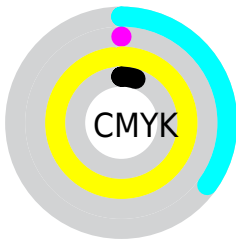
Blue (2%)



Red (2%)

Yellow (95%)

Blue (35%)

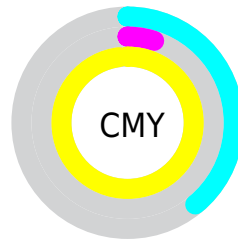


Cyan (35%)

Magenta (0%)

Yellow (98%)

Black (5%)



Cyan (39%)

Magenta (5%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5670, -90.9915, -28.5613 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 188.5670, -90.9915, -28.5613 by changing the saturation by 10% instead.

188.5670,
-90.9915, -28.5613

188.5670,
-90.9915, -28.5613

255.0000, 0.0000,
0.0000

162.1180,
-79.9242, -31.6755

224.7570,
-65.4492, -7.6799

136.4130,
-67.2516, -36.3192

237.4460,
-56.9149, 8.3789

110.9960,
-54.7210, -42.0925

243.2580,
-44.9902, 10.2977

83.1870, -41.0112,
-52.7840

246.6780,
-31.8863, 7.2984

61.0480, -30.0967,
-53.5391

249.9840,
-19.2191, 4.3990

46.3730, -22.8619,
-40.6691

253.5180, -5.6784,

32.2850, -15.9165,

1.2997

-28.3139

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 188.5670,
-90.9915, -28.5613

■ 188.5670,
-90.9915, -28.5613

■ 187.8120,
-92.5913, -28.7761

■ 193.9940,
-81.8350, -25.4277

■ 199.1220,
-72.5311, -22.9090

■ 204.5490,
-63.3747, -19.7755

■ 209.9760,
-54.2182, -16.6420

■ 215.1040,
-44.9143, -14.1232

■ 220.6450,
-35.3210, -11.0897

■ 226.0720,
-26.1645, -7.9561

■ 231.2000,
-16.8606, -5.4374

■ 236.6270, -7.7041,
-2.3039

Harmonies

Analogous

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



203.0260, -100.0918, 43.8272



188.5670, -90.9915, -28.5613



163.3480, -18.9056, -143.2562

Triad

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



188.5670, -90.9915, -28.5613



175.8200, 39.0357, -154.1941



166.3850, 23.4742, 77.7154

Complementary

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



188.5670, -90.9915, -28.5613



56.4330, 90.9915, 28.5613

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.



188.0820, 32.9906, 58.6871



188.5670, -90.9915, -28.5613



162.3190, 45.6917, -142.3538

Square

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



188.5670, -90.9915, -28.5613



178.7550, 37.5888, -156.7681



206.7010, 23.8114, 16.0482



169.3980, -23.3672, 75.0730

Rectangle

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



188.5670, -90.9915, -28.5613



171.4590, 9.6337, -150.3695



206.7010, 23.8114, 16.0482



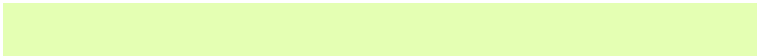
172.2670, 35.8574, 72.5568

Sweetspot

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



188.5670, -90.9915, -28.5613



238.2630, -29.2167, -9.0007



123.5840, -58.9549, 102.9738



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.



188.5670, -90.9915, -28.5613



198.7210, -97.9695, -30.4503



153.8830, -73.8923, -99.8754



117.4360, -4.6519, -1.2594



143.2900, -70.6420, -22.1793



43.6360, -21.5125, -6.6968

Inverse Universe

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



56.4330, 90.9915, 28.5613



56.2790, 97.9695, 30.4503



91.1170, 73.8923, 99.8754



110.5640, 4.6519, 1.2594



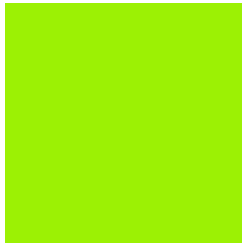
40.7100, 70.6420, 22.1793



12.3640, 21.5125, 6.6968

Previews

White Background



This preview shows how the YUV color 188.5670, -90.9915, -28.5613 looks on a white background.

Color Contrast Check

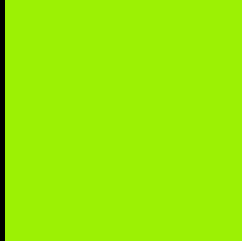
Large Text (above 18pt) WCAG AA × Fail

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 188.5670, -90.9915, -28.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

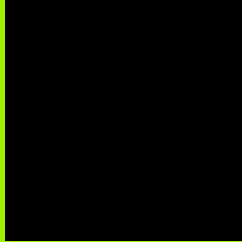
Any Text WCAG AA ✓ Pass

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 188.5670, -90.9915, -28.5613 Background



This preview shows how black text looks on a background with the YUV color 188.5670, -90.9915, -28.5613.



This preview shows how white text looks on a background with the YUV color 188.5670, -90.9915, -28.5613.

-28.5613.

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

188.5670, -90.9915, -28.5613

Protanopia

200.6340, -98.9126, 38.9090

Deuteranopia

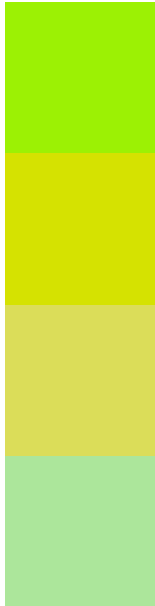
215.2470, -38.0828, 34.8634



Tritanopia

213.1950, 14.2009, -28.2350

Trichromacy



Original Color

188.5670, -90.9915, -28.5613

Protanomaly

196.4630, -96.3633, 14.5029

Deuteranomaly

205.3540, -57.3625, 11.9675

Tritanomaly

204.1080, -24.2102, -28.1587

Monochromacy



Original Color

188.5670, -90.9915, -28.5613

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9270, -32.9950, -10.4600

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5670, -90.9915, -28.5613 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(156, 241, 4)` looks like.

```
.text, #text, p{  
    color:rgb(156, 241, 4)  
}
```

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(156, 241, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 241, 4) }
```

Border

The CSS property to change the border of an element to YUV 188.5670, -90.9915, -28.5613 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(156, 241, 4) }
```


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

```
.border{ border-color:rgb(156, 241, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 241, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 241, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 241, 4);  
box-shadow:4px 4px 4px 4px rgb(156, 241,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 188.5670, -90.9915, -28.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 241, 4) }
```

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

```
.background{ background-color: rgb(156,  
241, 4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor