

Converting Colors

YUV(90.9850, -44.8556,
-79.7938)

Have a look what the booklet for
YUV(90.9850, -44.8556, -79.7938)
contains.

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Color

**YUV(90.9850, -44.8556,
-79.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	009B00
RGB	0, 155, 0
RGB Percent	0%, 61%, 0%
CMY	1.0000, 0.3922, 1.0000
CMYK	1.00, 0.00, 1.00, 0.39
HSL	120°, 100%, 30%
HSV	120°, 100%, 61%
XYZ	11.7213, 23.4427, 3.9071
YIQ	90.9850, -42.6250, -81.0650

Conversions

Conversions Part 2

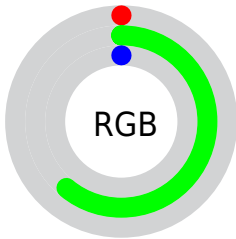
Format	Color
RYB	0, 155, 155
Decimal	39680
CIELab	55.53, -59.42, 57.35
CIELCh	56, 82.586, 136.016
Yxy	23.4427, 0.3000, 0.6000
Android (android.graphics.Color)	4278229760 (0xFF009B00)
YUV	90.9850, -44.8556, -79.7938
Hunter-Lab	48.4177, -41.5181, 29.1079

Details

The YUV color **90.9850, -44.8556, -79.7938** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **64.0150, 44.8556, 79.7938**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7470, -43.7523, -60.2911**, and **59.8740, -29.5179, -52.5095** is the 20% darker color. If you saturate the color by 10%, you get **90.9850, -44.8556, -79.7938**, and if you desaturate by 10%, it is **97.1800, -40.5147, -72.0719**.

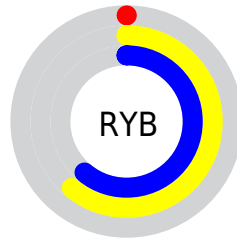
Distribution



Red (0%)

Green (61%)

Blue (0%)



Red (0%)

Yellow (61%)

Blue (61%)

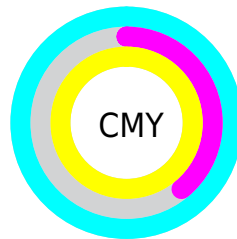


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (100%)


Magenta (39%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9850, -44.8556, -79.7938 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 90.9850, -44.8556, -79.7938 by changing the saturation by 10% instead.


 90.9850, -44.8556,
-79.7938


 90.9850, -44.8556,
-79.7938


255.0000, 0.0000,
0.0000

 75.1360, -37.0420,
-65.8943


 158.7470,
-43.7523, -60.2911


 59.8740, -29.5179,
-52.5095


 188.1170,
-44.9207, -58.8616


 45.1990, -22.2831,
-39.6395

 209.0840,
-41.4534, -50.9397

 31.1110, -15.3377,
-27.2843

 221.1320,
-34.0821, -35.1958

 16.4360, -8.1029,
-14.4144


 233.2940,
-26.2739, -19.5518


 0.0000, 0.0000,
0.0000

 245.5700,


-18.0290, -4.0079


 253.0620, -7.4256,
1.6996


 90.9850, -44.8556,
-79.7938

 97.1800, -40.5147,
-72.0719

 103.7880,
-35.8845, -63.8351

 110.3960,
-31.2542, -55.5983

 116.5910,
-26.9134, -47.8763

 123.1990,
-22.2831, -39.6395

■ 129.3940,
-17.9422, -31.9175

■ 135.5890,
-13.6014, -24.1956

■ 142.1970, -8.9711,
-15.9588

■ 148.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



121.0280, -59.6668, 4.3604



90.9850, -44.8556, -79.7938



105.4510, -4.6593, -92.4805

Triad

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



90.9850, -44.8556, -79.7938



117.7070, 67.6854, -103.2290



107.3750, -4.6219, 129.4671

Complementary

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



90.9850, -44.8556, -79.7938



64.0150, 44.8556, 79.7938

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.



116.9790, 26.1394, 109.6434



90.9850, -44.8556, -79.7938



104.7930, 74.0521, -91.9035

Square

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



90.9850, -44.8556, -79.7938



121.4110, 56.4924, -106.4774



134.7990, 48.9061, 40.5183



119.8900, -46.2878, 100.0745

Rectangle

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



90.9850, -44.8556, -79.7938



112.3250, 16.6018, -98.5090



134.7990, 48.9061, 40.5183



104.8280, 8.4658, 131.7008

Sweetspot

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



90.9850, -44.8556, -79.7938



176.2200, -17.3635, -30.8879



137.3300, -67.7037, 15.4966



86.7190, -10.7075, -19.0476



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9850, -44.8556, -79.7938



117.9870, -58.1676, -103.4746



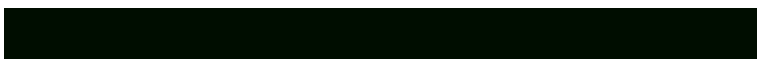
99.8770, -10.7854, -87.5921



73.6960, -2.3151, -4.1184



82.1800, -40.5147, -72.0719



7.6310, -3.7621, -6.6924

Inverse Universe

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



64.0150, 44.8556, 79.7938



83.0130, 58.1676, 103.4746



55.2370, 11.2222, 87.4922



72.3040, 2.3151, 4.1184



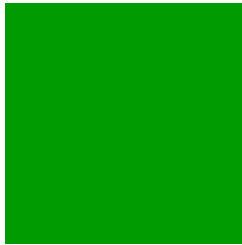
57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 90.9850, -44.8556, -79.7938 looks on a white background.

Color Contrast Check

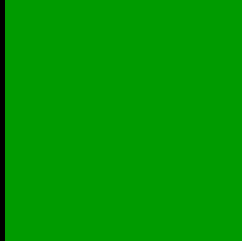
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.9850, -44.8556, -79.7938 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.9850, -44.8556, -79.7938

Background



This preview shows how black text looks on a background with the YUV color 90.9850, -44.8556, -79.7938.



This preview shows how white text looks on a background with the YUV color 90.9850, -44.8556, -79.7938.

-79.7938.

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

90.9850, -44.8556, -79.7938

Protanopia

122.6220, -60.4526, 23.1335

Deuteranopia

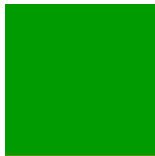
127.4720, -46.0817, 33.7891



Tritanopia

121.7470, 16.8867, -49.7671

Trichromacy



Original Color

90.9850, -44.8556, -79.7938



Protanomaly

111.1720, -54.8078, -14.1828



Deuteranomaly

114.6210, -45.6622, -7.5606



Tritanomaly

110.4210, -5.6306, -60.8822

Monochromacy



Original Color

90.9850, -44.8556, -79.7938



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

90.8720, -16.2059, -28.8287

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9850, -44.8556, -79.7938 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(0, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 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(0, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 0) }
```

Border

The CSS property to change the border of an element to YUV 90.9850, -44.8556, -79.7938 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(0, 155, 0) }
```


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

```
.border{ border-color:rgb(0, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 155, 0); box-shadow:4px  
4px 4px 4px rgb(0, 155, 0) }
```

Background

The CSS property to change the background color of an element to YUV 90.9850, -44.8556, -79.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 0) }
```

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

```
.background{ background-color: rgb(0, 155,  
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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