

Converting Colors

YUV(95.9910, -47.3236,
-81.5531)

Have a look what the booklet for
YUV(95.9910, -47.3236, -81.5531)
contains.

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Color

**YUV(95.9910, -47.3236,
-81.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	03A200
RGB	3, 162, 0
RGB Percent	1%, 64%, 0%
CMY	0.9882, 0.3647, 1.0000
CMYK	0.98, 0.00, 1.00, 0.36
HSL	119°, 100%, 32%
HSV	119°, 100%, 64%
XYZ	12.9579, 25.8600, 4.3085
YIQ	95.9910, -42.7620, -84.0900

Conversions

Conversions Part 2

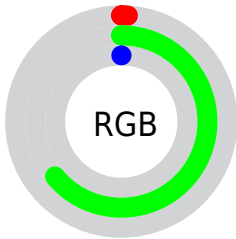
Format	Color
RYB	0, 162, 159
Decimal	238080
CIELab	57.90, -61.21, 59.27
CIELCh	58, 85.205, 135.926
Yxy	25.8600, 0.3005, 0.5996
Android (android.graphics.Color)	4278428160 (0xFF03A200)
YUV	95.9910, -47.3236, -81.5531
Hunter-Lab	50.8527, -43.5084, 30.5735

Details

The YUV color **95.9910, -47.3236, -81.5531** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **66.0090, 47.3236, 81.5531**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9810, -45.3466, -62.2503**, and **63.9830, -31.5436, -56.1131** is the 20% darker color. If you saturate the color by 10%, you get **95.9910, -47.3236, -81.5531**, and if you desaturate by 10%, it is **102.5990, -42.6933, -73.3163**.

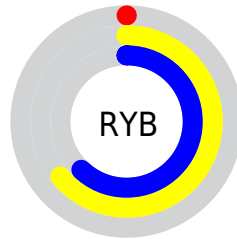
Distribution



Red (1%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (62%)

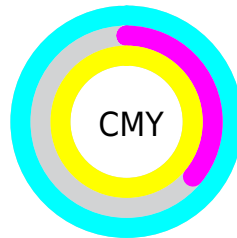


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (99%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.9910, -47.3236, -81.5531 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 95.9910, -47.3236, -81.5531 by changing the saturation by 10% instead.


 95.9910, -47.3236,
-81.5531


 95.9910, -47.3236,
-81.5531


255.0000, 0.0000,
0.0000


 79.2450, -39.0678,
-69.4979


 163.9810,
-45.3466, -62.2503


 63.9830, -31.5436,
-56.1131


 193.3510,
-46.5150, -60.8208


 48.7210, -24.0195,
-42.7283

 210.2090,
-41.0220, -49.2953

 34.6330, -17.0741,
-30.3731

 222.5560,
-33.7981, -32.9366

 20.5450, -10.1287,
-18.0180


 234.8320,
-25.5532, -17.3927


 0.0000, 0.0000,
0.0000


 246.9940,


-17.7450, -1.7487


 253.2900, -6.5520,
1.4997


 95.9910, -47.3236,
-81.5531

 102.5990,
-42.6933, -73.3163

 109.2070,
-38.0631, -65.0795

 115.9290,
-32.9960, -56.9427

 122.5370,
-28.3657, -48.7059

 129.1450,
-23.7355, -40.4692

■ 135.4540,
-18.9578, -32.8472

■ 142.0620,
-14.3276, -24.6104

■ 148.7840, -9.2605,
-16.4736

■ 155.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



126.3440, -62.2876, 4.9603



95.9910, -47.3236, -81.5531



110.6030, -5.2273, -96.9988

Triad

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



95.9910, -47.3236, -81.5531



121.8160, 65.6597, -106.8326



109.7060, -3.3061, 127.4228

Complementary

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



95.9910, -47.3236, -81.5531



66.0090, 47.3236, 81.5531

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.



122.5280, 26.8547, 113.5469



95.9910, -47.3236, -81.5531



108.3150, 72.3157, -94.9923

Square

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



95.9910, -47.3236, -81.5531



127.2470, 58.5452, -111.5956



141.2660, 50.6479, 41.8627



125.7550, -48.1932, 104.5779

Rectangle

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



95.9910, -47.3236, -81.5531



117.8190, 17.3442, -103.3273



141.2660, 50.6479, 41.8627



106.6860, 10.5078, 130.0714

Sweetspot

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



95.9910, -47.3236, -81.5531



185.8670, -18.6684, -32.3324



140.5970, -69.3143, 18.7704



91.3060, -10.9969, -19.5624



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



95.9910, -47.3236, -81.5531



125.6400, -61.9405, -106.6783



103.7580, -13.6847, -90.9958



78.5820, -2.7519, -4.0184



86.0120, -42.4039, -72.8015



10.5660, -5.2090, -9.2664

Inverse Universe

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



66.0090, 47.3236, 81.5531



86.3600, 61.9405, 106.6783



58.2420, 13.6847, 90.9958



76.4180, 2.7519, 4.0184



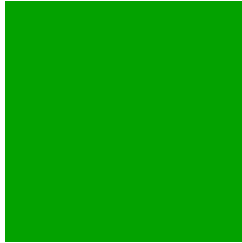
59.2870, 42.2565, 73.4163



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 95.9910, -47.3236, -81.5531 looks on a white background.

Color Contrast Check

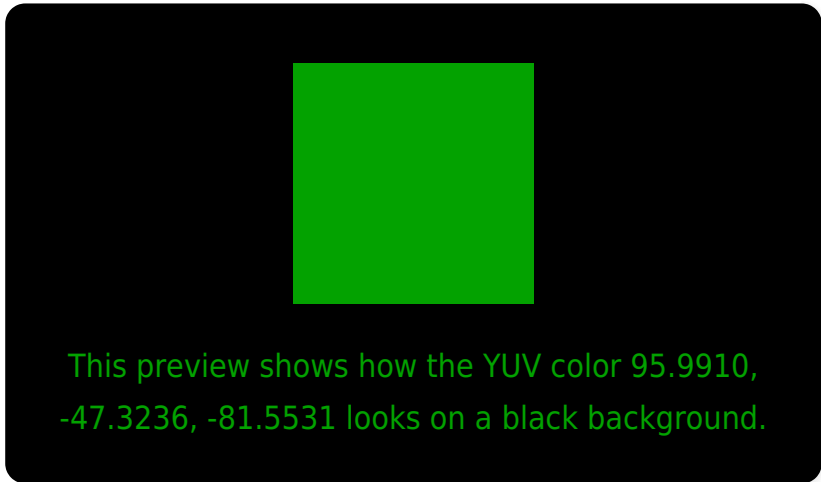
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 95.9910, -47.3236, -81.5531 Background



This preview shows how black text looks on a background with the YUV color 95.9910, -47.3236, -81.5531.



This preview shows how white text looks on a background with the YUV color 95.9910, -47.3236, -81.5531.

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



Protanopia

128.2370, -63.2208, 24.3482

Deuteranopia

132.9130, -48.2711, 36.0333

Tritanopia

127.5510, 17.4764, -52.2262

Trichromacy



Protanomaly

116.1890, -57.2812, -14.1978

Deuteranomaly

119.3500, -47.9935, -6.4459

Tritanomaly

115.9970, -5.9145, -63.1414

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9320, -17.2215, -29.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9910, -47.3236, -81.5531 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(3, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 162, 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(3, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 162, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.9910, -47.3236, -81.5531 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(3, 162, 0) }
```

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

```
.border{ border-color:rgb(3, 162, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 162, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 162, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 162, 0); box-shadow:4px  
4px 4px 4px rgb(3, 162, 0) }
```


Background

The CSS property to change the background color of an element to YUV 95.9910, -47.3236, -81.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 162, 0) }
```

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

```
.background{ background-color: rgb(3, 162,  
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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