

Converting Colors

YUV(106.2470, -52.3798,
-93.1786)

Have a look what the booklet for
YUV(106.2470, -52.3798, -93.1786)
contains.

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Color

**YUV(106.2470, -52.3798,
-93.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	00B500
RGB	0, 181, 0
RGB Percent	0%, 71%, 0%
CMY	1.0000, 0.2902, 1.0000
CMYK	1.00, 0.00, 1.00, 0.29
HSL	120°, 100%, 35%
HSV	120°, 100%, 71%
XYZ	16.5239, 33.0477, 5.5080
YIQ	106.2470, -49.7750, -94.6630

Conversions

Conversions Part 2

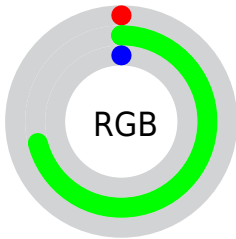
Format	Color
RYB	0, 181, 181
Decimal	46336
CIELab	64.20, -66.63, 64.31
CIELCh	64, 92.601, 136.016
Yxy	33.0477, 0.3000, 0.6000
Android (android.graphics.Color)	4278236416 (0xFF00B500)
YUV	106.2470, -52.3798, -93.1786
Hunter-Lab	57.4872, -49.2952, 34.5603

Details

The YUV color **106.2470, -52.3798, -93.1786** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **74.7530, 52.3798, 93.1786**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9710, -50.2717, -69.2576**, and **73.9620, -36.4633, -64.8647** is the 20% darker color. If you saturate the color by 10%, you get **106.2470, -52.3798, -93.1786**, and if you desaturate by 10%, it is **113.6810, -47.1707, -83.9122**.

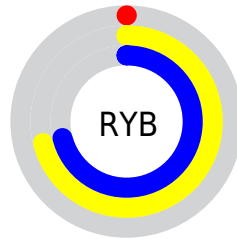
Distribution



Red (0%)

Green (71%)

Blue (0%)



Red (0%)

Yellow (71%)

Blue (71%)

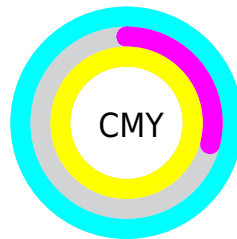


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (100%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.2470, -52.3798, -93.1786 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 106.2470, -52.3798, -93.1786 by changing the saturation by 10% instead.


 106.2470,
-52.3798, -93.1786


 106.2470,
-52.3798, -93.1786


255.0000, 0.0000,
0.0000


 89.8110, -44.2768,
-78.7642


 177.9710,
-50.2717, -69.2576


 73.9620, -36.4633,
-64.8647


 200.7100,
-47.6780, -61.1357


 58.7000, -28.9391,
-51.4799


 213.1710,
-40.0173, -44.8770

 43.4380, -21.4149,
-38.0951

 225.4470,
-31.7724, -29.3330

 29.9370, -14.7589,
-26.2547

 237.9080,
-24.1116, -13.0743

 13.5010, -6.6560,
-11.8404

 250.4830,

 0.0000, 0.0000,

-16.0141, 3.0844

0.0000

■ 254.0880, -3.4944,
0.7998

■ 106.2470,
-52.3798, -93.1786

■ 113.6810,
-47.1707, -83.9122

■ 121.1150,
-41.9617, -74.6459

■ 128.5490,
-36.7527, -65.3795

■ 135.9830,
-31.5436, -56.1131

■ 143.8300,
-26.0452, -46.3319

■ 151.2640,
-20.8362, -37.0655

■ 158.6980,
-15.6271, -27.7991

■ 166.1320,
-10.4181, -18.5328

■ 173.5660, -5.2090,
-9.2664

Harmonies

Analogous

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



141.3950, -69.7077, 4.9156



106.2470, -52.3798, -93.1786



123.2380, -5.0473, -108.0797

Triad

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



106.2470, -52.3798, -93.1786



132.9690, 60.1613, -116.6138



114.1230, 0.9254, 123.5491

Complementary

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



106.2470, -52.3798, -93.1786



74.7530, 52.3798, 93.1786

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.



129.3410, 33.8489, 110.2029



106.2470, -52.3798, -93.1786



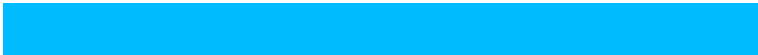
117.7070, 67.6854, -103.2290

Square

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



106.2470, -52.3798, -93.1786



139.4260, 56.9780, -122.2766



155.8540, 48.8790, 49.2400



135.6580, -51.1034, 104.6629

Rectangle

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



106.2470, -52.3798, -93.1786



131.6110, 19.4188, -115.4228



155.8540, 48.8790, 49.2400



110.7440, 15.9022, 126.5125

Sweetspot

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



106.2470, -52.3798, -93.1786



205.6770, -20.5468, -36.5507



160.3660, -79.0604, 18.0960



99.6540, -12.1544, -21.6216



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



106.2470, -52.3798, -93.1786



137.9450, -68.0069, -120.9778



116.6210, -12.6312, -102.2766



85.2830, -2.6045, -4.6332



89.8110, -44.2768, -78.7642



15.2620, -7.5242, -13.3848

Inverse Universe

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



74.7530, 52.3798, 93.1786



97.0550, 68.0069, 120.9778



64.4930, 13.0680, 102.1766



83.7170, 2.6045, 4.6332



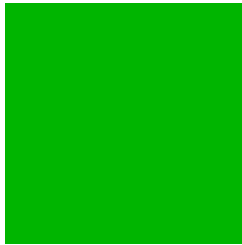
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 106.2470, -52.3798, -93.1786 looks on a white background.

Color Contrast Check

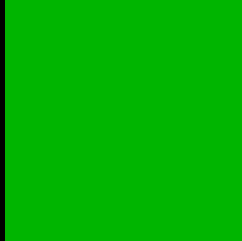
Large Text (above 18pt) WCAG AA × Fail

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 106.2470, -52.3798, -93.1786 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 106.2470, -52.3798, -93.1786 Background



This preview shows how black text looks on a background with the YUV color 106.2470, -52.3798, -93.1786.



This preview shows how white text looks on a background with the YUV color 106.2470, -52.3798, -93.1786.

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

143.0110, -70.5044, 27.1774

Deuteranopia

148.7410, -54.1023, 39.6921

Tritanopia

142.0880, 19.6766, -57.9592

Trichromacy



Protanomaly

129.4570, -63.8223, -16.1868

Deuteranomaly

132.9600, -53.2243, -8.7349

Tritanomaly

129.1270, -6.4716, -71.1484

Monochromacy



Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7420, -19.0998, -33.9767

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2470, -52.3798, -93.1786 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, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 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, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 0) }
```

Border

The CSS property to change the border of an element to YUV 106.2470, -52.3798, -93.1786 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, 181, 0) }
```

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

```
.border{ border-color:rgb(0, 181, 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, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 181, 0); box-shadow:4px  
4px 4px 4px rgb(0, 181, 0) }
```


Background

The CSS property to change the background color of an element to YUV 106.2470, -52.3798, -93.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 0) }
```

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

```
.background{ background-color: rgb(0, 181,  
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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