

Converting Colors

YUV(106.5380, -43.6492,
-93.4338)

Have a look what the booklet for
YUV(106.5380, -43.6492, -93.4338)
contains.

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Color

**YUV(106.5380, -43.6492,
-93.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	00B212
RGB	0, 178, 18
RGB Percent	0%, 70%, 7%
CMY	1.0000, 0.3020, 0.9294
CMYK	1.00, 0.00, 0.90, 0.30
HSL	126°, 100%, 35%
HSV	126°, 100%, 70%
XYZ	16.0296, 31.8845, 5.8817
YIQ	106.5380, -54.7280, -87.4960

Conversions

Conversions Part 2

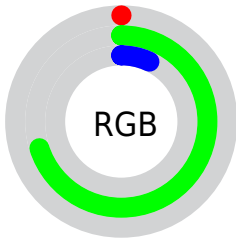
Format	Color
RYB	0, 162, 178
Decimal	45586
CIELab	63.25, -65.34, 61.03
CIELCh	63, 89.405, 136.952
Yxy	31.8845, 0.2980, 0.5927
Android (android.graphics.Color)	4278235666 (0xFF00B212)
YUV	106.5380, -43.6492, -93.4338
Hunter-Lab	56.4663, -48.1438, 33.3506

Details

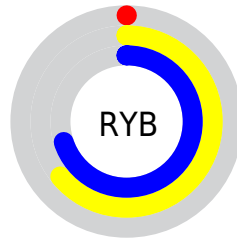
The YUV color **106.5380, -43.6492, -93.4338** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **71.4620, 43.6492, 93.4338**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2960, -46.4879, -69.5426**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **106.5380, -43.6492, -93.4338**, and if you desaturate by 10%, it is **113.7440, -39.3138, -83.9675**.

Distribution



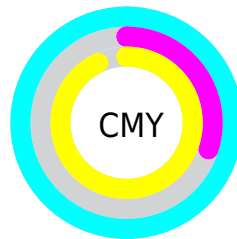
- Red (0%)
- Green (70%)
- Blue (7%)



- Red (0%)
- Yellow (64%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5380, -43.6492, -93.4338 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 106.5380, -43.6492, -93.4338 by changing the saturation by 10% instead.

■ 106.5380,
-43.6492, -93.4338

■ 106.5380,
-43.6492, -93.4338

■ 255.0000, 0.0000,
0.0000

■ 88.0500, -43.4087,
-77.2198

■ 176.2960,
-46.4879, -69.5426

■ 72.2010, -35.5951,
-63.3203

■ 200.7960,
-44.7624, -62.9651

■ 56.9390, -28.0709,
-49.9355

■ 213.1430,
-37.5385, -46.6064

■ 42.2640, -20.8362,
-37.0655

■ 225.3050,
-29.7304, -30.9625

■ 28.1760, -13.8908,
-24.7104

■ 237.8800,
-21.6328, -14.8038

■ 11.1530, -5.4984,
-9.7812

■ 250.4550,

■ 0.0000, 0.0000,

-13.5353, 1.3550

0.0000

254.6580, -1.3104,
0.2999

■ 106.5380,
-43.6492, -93.4338

■ 113.7440,
-39.3138, -83.9675

■ 120.9500,
-34.9783, -74.5011

■ 127.8570,
-30.4955, -65.6496

■ 135.0630,
-26.1601, -56.1833

■ 142.2690,
-21.8246, -46.7169

■ 149.4750,
-17.4892, -37.2506

■ 156.6810,
-13.1537, -27.7842

■ 163.5880, -8.6709,
-18.9327

■ 170.7940, -4.3354,
-9.4663

Harmonies

Analogous

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



138.4380, -68.2499, 4.0009



106.5380, -43.6492, -93.4338



121.5910, -3.7424, -106.6353

Triad

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



106.5380, -43.6492, -93.4338



130.6210, 61.3188, -114.5546



118.3630, -3.1370, 119.8306

Complementary

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



106.5380, -43.6492, -93.4338



71.4620, 43.6492, 93.4338

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.



130.8910, 29.6337, 108.8436



106.5380, -43.6492, -93.4338



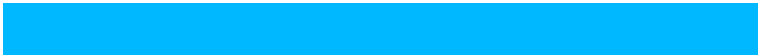
115.3590, 68.8430, -101.1698

Square

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



106.5380, -43.6492, -93.4338



137.0780, 58.1355, -120.2174



154.0820, 49.7526, 49.0401



136.8320, -51.6822, 103.6333

Rectangle

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



106.5380, -43.6492, -93.4338



129.1490, 20.1395, -113.2637



154.0820, 49.7526, 49.0401



116.0440, 10.8243, 121.8644

Sweetspot

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



106.5380, -43.6492, -93.4338



203.8880, -17.1998, -36.7358



152.3260, -75.0967, 6.7301



100.1100, -10.4072, -22.0215



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.



106.5380, -43.6492, -93.4338



138.8060, -57.0924, -121.7329



116.6840, -4.7742, -102.3319



85.3970, -2.1677, -4.7332



91.5210, -37.7249, -80.2639



15.6040, -6.2138, -13.6847

Inverse Universe

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



71.4620, 43.6492, 93.4338



93.1940, 57.0924, 121.7329



61.3160, 4.7742, 102.3319



83.6030, 2.1677, 4.7332



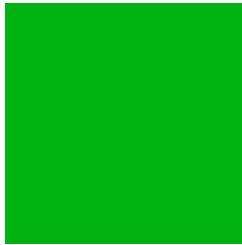
61.4790, 37.7249, 80.2639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 106.5380, -43.6492, -93.4338 looks on a white background.

Color Contrast Check

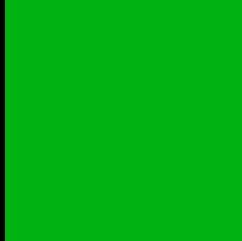
Large Text (above 18pt) WCAG AA × Fail

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 106.5380, -43.6492, -93.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

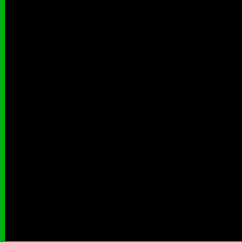
Any Text WCAG AA ✓ Pass

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 106.5380, -43.6492, -93.4338 Background



This preview shows how black text looks on a background with the YUV color 106.5380, -43.6492, -93.4338.



This preview shows how white text looks on a background with the YUV color 106.5380, -43.6492, -93.4338.

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

106.5380, -43.6492, -93.4338

Protanopia

140.7660, -68.9046, 27.3922

Deuteranopia

146.4250, -51.4815, 39.0923



Tritanopia

140.2730, 19.0924, -57.2444

Trichromacy



Original Color

106.5380, -43.6492, -93.4338



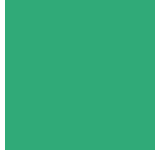
Protanomaly

127.8960, -59.6017, -16.5718



Deuteranomaly

131.8120, -48.7143, -8.6051



Tritanomaly

127.8220, -3.8562, -70.0039

Monochromacy



Original Color

106.5380, -43.6492, -93.4338



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9530, -15.7528, -34.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5380, -43.6492, -93.4338 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, 178, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 18)  
}
```

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, 178, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 18) }
```

Border

The CSS property to change the border of an element to YUV 106.5380, -43.6492, -93.4338 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, 178, 18) }
```


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

```
.border{ border-color:rgb(0, 178, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 18);  
box-shadow:4px 4px 4px 4px rgb(0, 178, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 106.5380, -43.6492, -93.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 18) }
```

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

```
.background{ background-color: rgb(0, 178,  
18) }
```

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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