

Converting Colors

YUV(180.9770, -86.2637,
-51.7228)

Have a look what the booklet for
YUV(180.9770, -86.2637, -51.7228)
contains.

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Color

**YUV(180.9770, -86.2637,
-51.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	7AF506
RGB	122, 245, 6
RGB Percent	48%, 96%, 2%
CMY	0.5216, 0.0392, 0.9765
CMYK	0.50, 0.00, 0.98, 0.04
HSL	91°, 95%, 49%
HSV	91°, 98%, 96%
XYZ	40.7113, 69.4555, 11.4328
YIQ	180.9770, 3.4110, -100.4050

Conversions

Conversions Part 2

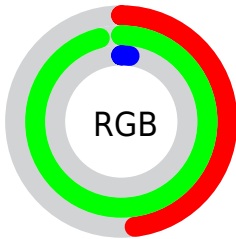
Format	Color
RYB	6, 245, 129
Decimal	8058118
CIELab	86.73, -65.90, 82.76
CIELCh	87, 105.793, 128.526
Yxy	69.4555, 0.3348, 0.5712
Android (android.graphics.Color)	4286248198 (0xFF7AF506)
YUV	180.9770, -86.2637, -51.7228
Hunter-Lab	83.3400, -58.6483, 50.2044

Details

The YUV color **180.9770, -86.2637, -51.7228** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **70.0230, 86.2637, 51.7228**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1890, -60.7322, -27.3528**, and **125.6050, -61.9233, -65.4286** is the 20% darker color. If you saturate the color by 10%, you get **179.3960, -88.4422, -52.9673**, and if you desaturate by 10%, it is **187.7140, -77.2600, -46.2302**.

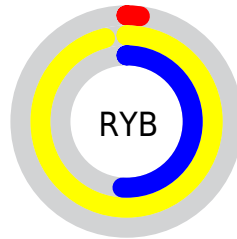
Distribution



Red (48%)

Green (96%)

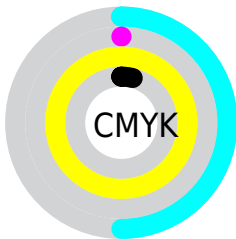
Blue (2%)



Red (2%)

Yellow (96%)

Blue (51%)

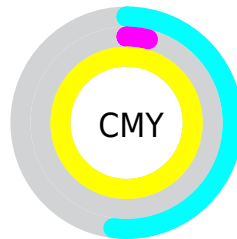


Cyan (50%)

Magenta (0%)

Yellow (98%)

Black (4%)



Cyan (52%)

Magenta (4%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9770, -86.2637, -51.7228 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 180.9770, -86.2637, -51.7228 by changing the saturation by 10% instead.

180.9770,
-86.2637, -51.7228

180.9770,
-86.2637, -51.7228

255.0000, 0.0000,
0.0000

153.4030,
-75.6277, -56.4814

215.1890,
-60.7322, -27.3528

125.6050,
-61.9233, -65.4286

227.9920,
-51.7611, -11.3940

93.9200, -46.3026,
-82.3678

240.6810,
-43.2267, 4.6648

78.0710, -38.4890,
-68.4683

246.6780,
-31.8863, 7.2984

62.2220, -30.6754,
-54.5687

250.0980,
-18.7823, 4.2991

47.5470, -23.4407,
-41.6987

253.5180, -5.6784,

33.4590, -16.4953,

1.2997

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 180.9770,
-86.2637, -51.7228

■ 180.9770,
-86.2637, -51.7228

■ 179.3960,
-88.4422, -52.9673

■ 187.7140,
-77.2600, -46.2302

■ 194.0380,
-68.5457, -41.2523

■ 200.7750,
-59.5421, -35.7597

■ 207.0990,
-50.8278, -30.7818

■ 213.8360,
-41.8241, -25.2892

■ 220.4590,
-33.2573, -19.6965

■ 226.8970,
-24.1062, -14.8187

■ 233.5200,
-15.5394, -9.2260

■ 239.9580, -6.3883,
-4.3482

Harmonies

Analogous

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



200.2800, -98.7380, 29.5724



180.9770, -86.2637, -51.7228



165.5310, -13.0798, -145.1707

Triad

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



180.9770, -86.2637, -51.7228



174.6460, 39.6145, -153.1645



154.5990, 18.9317, 88.0517

Complementary

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



180.9770, -86.2637, -51.7228



70.0230, 86.2637, 51.7228

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.



176.3420, 38.7784, 68.9831



180.9770, -86.2637, -51.7228



158.2100, 47.7175, -138.7502

Square

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



180.9770, -86.2637, -51.7228



178.7550, 37.5888, -156.7681



208.0290, 23.1567, 39.4396



166.4340, -34.7240, 77.6724

Rectangle

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



180.9770, -86.2637, -51.7228



173.5110, 17.4961, -152.1691



208.0290, 23.1567, 39.4396



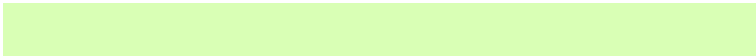
159.0620, 33.4934, 84.1376

Sweetspot

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



180.9770, -86.2637, -51.7228



235.2020, -26.7216, -15.9632



147.9010, -69.9572, 85.1558



115.9930, -16.2655, -9.6409



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.



180.9770, -86.2637, -51.7228



186.7610, -92.0732, -55.0414



146.2930, -69.1644, -123.0370



118.8380, -4.3571, -2.4889



136.0920, -67.0934, -40.4227



43.0050, -21.2015, -13.1594

Inverse Universe

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



70.0230, 86.2637, 51.7228



68.2390, 92.0732, 55.0414



104.7070, 69.1644, 123.0370



113.1620, 4.3571, 2.4889



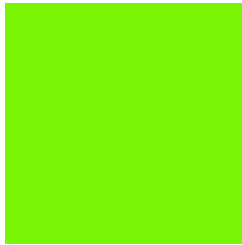
49.9080, 67.0934, 40.4227



15.6960, 21.3489, 12.5446

Previews

White Background



This preview shows how the YUV color 180.9770, -86.2637, -51.7228 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 180.9770, -86.2637, -51.7228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

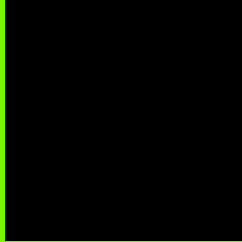
Any Text WCAG AA ✓ Pass

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 180.9770, -86.2637, -51.7228 Background



This preview shows how black text looks on a background with the YUV color 180.9770, -86.2637, -51.7228.



This preview shows how white text looks on a background with the YUV color 180.9770, -86.2637, -51.7228.

-51.7228.

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

180.9770, -86.2637, -51.7228

Protanopia

199.4490, -98.3284, 38.1942

Deuteranopia

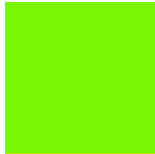
213.5030, -39.6880, 36.3929



Tritanopia

208.2250, 18.6231, -46.6783

Trichromacy



Original Color

180.9770, -86.2637, -51.7228



Protanomaly

192.9780, -94.1522, 5.2813



Deuteranomaly

201.5380, -56.4672, 4.7902



Tritanomaly

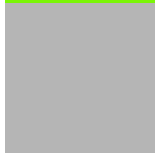
198.2410, -19.3458, -48.4464

Monochromacy



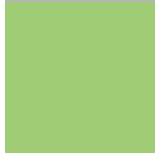
Original Color

180.9770, -86.2637, -51.7228



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9260, -31.5155, -18.3521

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9770, -86.2637, -51.7228 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(122, 245, 6)` looks like.

```
.text, #text, p{  
    color:rgb(122, 245, 6)  
}
```

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(122, 245, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 245, 6) }
```

Border

The CSS property to change the border of an element to YUV 180.9770, -86.2637, -51.7228 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(122, 245, 6) }
```


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

```
.border{ border-color:rgb(122, 245, 6) }
```

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

Here you see how a box with a 4 pixel rgb(122, 245, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 245, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 245, 6);  
box-shadow:4px 4px 4px 4px rgb(122, 245,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 180.9770, -86.2637, -51.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 245, 6) }
```

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

```
.background{ background-color: rgb(122,  
245, 6) }
```

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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