

Converting Colors

YUV(126.5850, -58.4624,
-102.2450)

Have a look what the booklet for
YUV(126.5850, -58.4624, -102.2450)
contains.

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Color

**YUV(126.5850, -58.4624,
-102.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	0AD108
RGB	10, 209, 8
RGB Percent	4%, 82%, 3%
CMY	0.9608, 0.1804, 0.9686
CMYK	0.95, 0.00, 0.96, 0.18
HSL	119°, 93%, 43%
HSV	119°, 96%, 82%
XYZ	22.9695, 45.6830, 7.8368
YIQ	126.5850, -54.0830, -104.6990

Conversions

Conversions Part 2

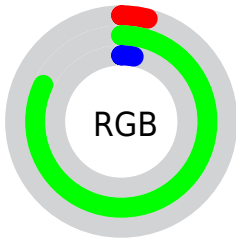
Format	Color
RYB	8, 209, 207
Decimal	708872
CIELab	73.34, -73.64, 70.84
CIELCh	73, 102.184, 136.112
Yxy	45.6830, 0.3003, 0.5972
Android (android.graphics.Color)	4278898952 (0xFF0AD108)
YUV	126.5850, -58.4624, -102.2450
Hunter-Lab	67.5892, -57.6198, 40.4379

Details

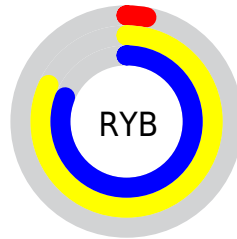
The YUV color **126.5850, -58.4624, -102.2450** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **90.4150, 58.4624, 102.2450**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6670, -52.5868, -73.3760**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **123.2810, -60.7775, -106.3634**, and if you desaturate by 10%, it is **135.2580, -52.3852, -91.4343**.

Distribution



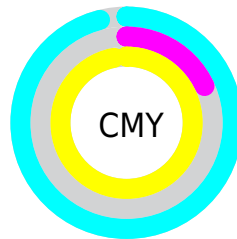
- Red (4%)
- Green (82%)
- Blue (3%)



- Red (3%)
- Yellow (82%)
- Blue (81%)



- Cyan (95%)
- Magenta (0%)
- Yellow (96%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.5850, -58.4624, -102.2450 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 126.5850, -58.4624, -102.2450 by changing the saturation by 10% instead.

■ 126.5850,
-58.4624, -102.2450

■ 126.5850,
-58.4624, -102.2450

■ 255.0000, 0.0000,
0.0000

■ 106.2470,
-52.3798, -93.1786

■ 191.6670,
-52.5868, -73.3760

■ 89.8110, -44.2768,
-78.7642

■ 205.1390,
-44.9315, -55.3729

■ 73.3750, -36.1739,
-64.3499

■ 217.8990,
-37.4182, -38.4994

■ 58.1130, -28.6497,
-50.9651

■ 230.4740,
-29.3207, -22.3407

■ 42.8510, -21.1255,
-37.5803

■ 243.3480,
-21.3706, -5.5672

■ 28.7630, -14.1802,
-25.2252

■ 252.1500,

■ 11.7400, -5.7878,

-10.9200, 2.4994

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 126.5850,
-58.4624, -102.2450

■ 126.5850,
-58.4624, -102.2450

■ 123.2810,
-60.7775, -106.3634

■ 135.2580,
-52.3852, -91.4343

■ 143.6320,
-46.1606, -81.2383

■ 152.3050,
-40.0834, -70.4275

■ 160.9780,
-34.0062, -59.6167

■ 169.3520,
-27.7815, -49.4207

■ 177.9110,
-22.1411, -38.5099

■ 186.5840,
-16.0639, -27.6992

■ 195.2570, -9.9867,
-16.8884

■ 203.6310, -3.7621,
-6.6924

Harmonies

Analogous

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



162.9470, -80.3329, 6.1855



126.5850, -58.4624, -102.2450



142.4270, -5.1405, -124.9085

Triad

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



126.5850, -58.4624, -102.2450



148.8180, 52.3477, -130.5134



123.2190, 5.3150, 115.5719

Complementary

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



126.5850, -58.4624, -102.2450



90.4150, 58.4624, 102.2450

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.



140.3920, 43.1907, 100.5112



126.5850, -58.4624, -102.2450



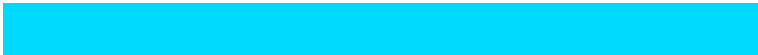
131.7950, 60.7401, -115.5842

Square

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



126.5850, -58.4624, -102.2450



156.4490, 48.5856, -137.2058



175.9880, 38.9529, 59.6465



146.5490, -52.5287, 95.1115

Rectangle

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



126.5850, -58.4624, -102.2450



151.7120, 22.8200, -133.0514



175.9880, 38.9529, 59.6465



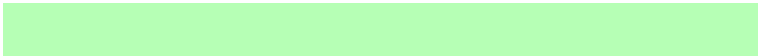
120.2960, 22.0391, 118.1354

Sweetspot

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



126.5850, -58.4624, -102.2450



224.7370, -21.5623, -37.4803



184.3250, -86.9282, 21.6400



109.4150, -13.0226, -23.1660



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.



126.5850, -58.4624, -102.2450



150.5820, -74.2369, -129.4294



137.0450, -15.7982, -113.1725



100.4570, -3.1833, -5.6628



99.2140, -48.9125, -85.2567



24.0670, -11.8650, -21.1068

Inverse Universe

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



90.4150, 58.4624, 102.2450



104.4180, 74.2369, 129.4294



79.9550, 15.7982, 113.1725



98.2440, 3.3307, 5.0480



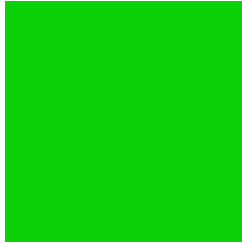
69.0850, 48.7651, 85.8715



16.6340, 12.0124, 20.4920

Previews

White Background



This preview shows how the YUV color 126.5850, -58.4624, -102.2450 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 126.5850, -58.4624, -102.2450 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 126.5850, -58.4624, -102.2450 Background



This preview shows how black text looks on a background with the YUV color 126.5850, -58.4624, -102.2450.



This preview shows how white text looks on a background with the YUV color 126.5850, -58.4624, -102.2450.

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

126.5850, -58.4624, -102.2450

Protanopia

165.1720, -81.4298, 31.4212

Deuteranopia

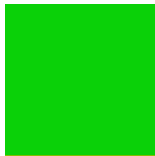
171.4230, -61.8335, 46.1100



Tritanopia

164.1300, 22.6139, -66.7660

Trichromacy



Original Color

126.5850, -58.4624, -102.2450



Protanomaly

151.3400, -73.1316, -16.9612



Deuteranomaly

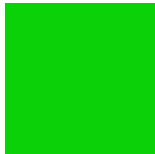
155.3100, -60.7918, -8.1649



Tritanomaly

150.3710, -6.5919, -79.2554

Monochromacy



Original Color

126.5850, -58.4624, -102.2450



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.8510, -21.1255, -37.5803

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5850, -58.4624, -102.2450 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(10, 209, 8)` looks like.

```
.text, #text, p{  
    color:rgb(10, 209, 8)  
}
```

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(10, 209, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 209, 8) }
```

Border

The CSS property to change the border of an element to YUV 126.5850, -58.4624, -102.2450 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(10, 209, 8) }
```


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

```
.border{ border-color:rgb(10, 209, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 209, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 209, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 209, 8);  
box-shadow:4px 4px 4px 4px rgb(10, 209, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 126.5850, -58.4624, -102.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 209, 8) }
```

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

```
.background{ background-color: rgb(10, 209,  
8) }
```

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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