

Converting Colors

YUV(122.8780, -56.1419,
-99.8710)

Have a look what the booklet for
YUV(122.8780, -56.1419, -99.8710)
contains.

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Color

**YUV(122.8780, -56.1419,
-99.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	09CB09
RGB	9, 203, 9
RGB Percent	4%, 80%, 4%
CMY	0.9647, 0.2039, 0.9647
CMYK	0.96, 0.00, 0.96, 0.20
HSL	120°, 92%, 42%
HSV	120°, 96%, 80%
XYZ	21.5179, 42.7897, 7.3836
YIQ	122.8780, -53.3500, -101.4620

Conversions

Conversions Part 2

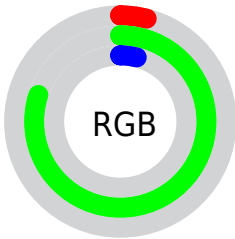
Format	Color
RYB	9, 203, 203
Decimal	641801
CIELab	71.41, -72.04, 69.15
CIELCh	71, 99.859, 136.171
Yxy	42.7897, 0.3001, 0.5969
Android (android.graphics.Color)	4278831881 (0xFF09CB09)
YUV	122.8780, -56.1419, -99.8710
Hunter-Lab	65.4138, -55.7565, 39.0973

Details

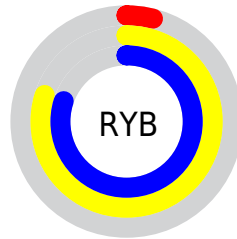
The YUV color **122.8780, -56.1419, -99.8710** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **89.1220, 56.1419, 99.8710**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2540, -52.8762, -73.8908**, and **86.2890, -42.5405, -75.6755** is the 20% darker color. If you saturate the color by 10%, you get **119.1610, -58.7464, -104.5042**, and if you desaturate by 10%, it is **131.1380, -50.3540, -89.5750**.

Distribution



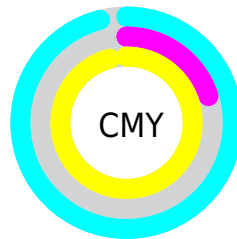
- Red (4%)
- Green (80%)
- Blue (4%)



- Red (4%)
- Yellow (80%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8780, -56.1419, -99.8710 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 122.8780, -56.1419, -99.8710 by changing the saturation by 10% instead.

■ 122.8780,
-56.1419, -99.8710

■ 122.8780,
-56.1419, -99.8710

■ 255.0000, 0.0000,
0.0000

■ 102.7250,
-50.6434, -90.0898

■ 191.2540,
-52.8762, -73.8908

■ 86.2890, -42.5405,
-75.6755

■ 204.4270,
-45.0735, -56.5025

■ 70.4400, -34.7269,
-61.7759

■ 216.8880,
-37.4128, -40.2438

■ 55.1780, -27.2028,
-48.3911

■ 229.7620,
-29.4627, -23.4703

■ 39.9160, -19.6786,
-35.0063

■ 242.3370,
-21.3651, -7.3115

■ 25.8280, -12.7332,
-22.6512

■ 251.9220,

■ 5.8700, -2.8939,

-11.7935, 2.6994

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 122.8780,
-56.1419, -99.8710

■ 122.8780,
-56.1419, -99.8710

■ 119.1610,
-58.7464, -104.5042

■ 131.1380,
-50.3540, -89.5750

■ 139.8110,
-44.2768, -78.7642

■ 148.0710,
-38.4890, -68.4683

■ 156.3310,
-32.7012, -58.1723

■ 165.0040,
-26.6240, -47.3615

■ 173.2640,
-20.8362, -37.0655

■ 181.5240,
-15.0483, -26.7695

■ 189.7840, -9.2605,
-16.4736

■ 198.4570, -3.1833,
-5.6628

Harmonies

Analogous

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



158.5170, -78.1489, 5.6856



122.8780, -56.1419, -99.8710



138.4490, -5.1514, -121.4198

Triad

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



122.8780, -56.1419, -99.8710



145.2960, 54.0841, -127.4246



122.1760, 3.8572, 116.4866

Complementary

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



122.8780, -56.1419, -99.8710



89.1220, 56.1419, 99.8710

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.



138.4200, 40.7119, 102.2407



122.8780, -56.1419, -99.8710



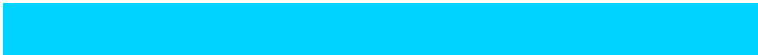
128.8600, 62.1870, -113.0102

Square

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



122.8780, -56.1419, -99.8710



152.9270, 50.3220, -134.1170



172.1340, 40.8529, 56.8875



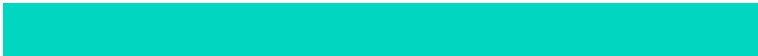
144.6740, -52.0973, 96.7559

Rectangle

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



122.8780, -56.1419, -99.8710



147.5060, 21.9355, -129.3628



172.1340, 40.8529, 56.8875



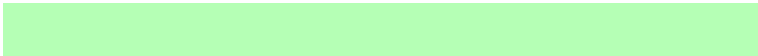
119.1390, 20.1445, 119.1501

Sweetspot

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



122.8780, -56.1419, -99.8710



224.4380, -21.4149, -38.0951



180.8840, -84.7388, 19.3957



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.



122.8780, -56.1419, -99.8710



149.6850, -73.7947, -131.2737



133.9360, -13.7724, -109.5689



97.8700, -2.8939, -5.1480



97.4420, -48.0389, -85.4566



22.3060, -10.9969, -19.5624

Inverse Universe

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



89.1220, 56.1419, 99.8710



105.3150, 73.7947, 131.2737



78.0640, 13.7724, 109.5689



96.1300, 2.8939, 5.1480



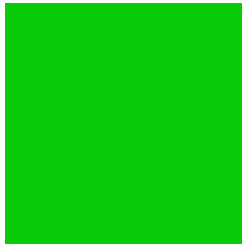
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 122.8780, -56.1419, -99.8710 looks on a white background.

Color Contrast Check

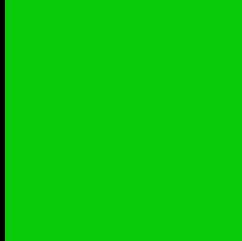
Large Text (above 18pt) WCAG AA × Fail

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 122.8780, -56.1419, -99.8710 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 122.8780, -56.1419, -99.8710 Background



This preview shows how black text looks on a background with the YUV color 122.8780, -56.1419, -99.8710.



This preview shows how white text looks on a background with the YUV color 122.8780, -56.1419, -99.8710.

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

122.8780, -56.1419, -99.8710

Protanopia

160.7420, -79.2458, 30.9213

Deuteranopia

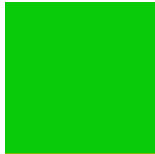
167.1670, -60.2283, 44.5805



Tritanopia

159.6140, 21.8823, -65.4365

Trichromacy



Original Color

122.8780, -56.1419, -99.8710



Protanomaly

147.2090, -71.0950, -16.8463



Deuteranomaly

151.1790, -58.7552, -8.0500



Tritanomaly

146.0830, -6.4499, -78.1258

Monochromacy



Original Color

122.8780, -56.1419, -99.8710



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.0900, -20.2574, -36.0359

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8780, -56.1419, -99.8710 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(9, 203, 9)` looks like.

```
.text, #text, p{  
    color:rgb(9, 203, 9)  
}
```

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(9, 203, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 203, 9) }
```

Border

The CSS property to change the border of an element to YUV 122.8780, -56.1419, -99.8710 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(9, 203, 9) }
```


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

```
.border{ border-color:rgb(9, 203, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 203, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 203, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 203, 9); box-shadow:4px  
4px 4px 4px rgb(9, 203, 9) }
```

Background

The CSS property to change the background color of an element to YUV 122.8780, -56.1419, -99.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 203, 9) }
```

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

```
.background{ background-color: rgb(9, 203,  
9) }
```

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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