

Converting Colors

YUV(123.5580, -57.4631,
-96.0824)

Have a look what the booklet for
YUV(123.5580, -57.4631, -96.0824)
contains.

YUV(123.5580, -57.4631, -96.0824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.5580, -57.4631,
-96.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	0ECA07
RGB	14, 202, 7
RGB Percent	5%, 79%, 3%
CMY	0.9451, 0.2078, 0.9725
CMYK	0.93, 0.00, 0.97, 0.21
HSL	118°, 93%, 41%
HSV	118°, 97%, 79%
XYZ	21.3400, 42.3498, 7.2506
YIQ	123.5580, -49.4530, -100.5010

Conversions

Conversions Part 2

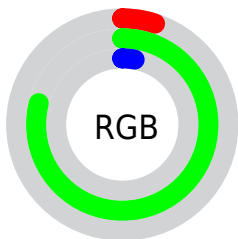
Format	Color
RYB	7, 202, 195
Decimal	969223
CIELab	71.11, -71.59, 69.13
CIElCh	71, 99.514, 136.001
Yxy	42.3498, 0.3008, 0.5970
Android (android.graphics.Color)	4279159303 (0xFF0ECA07)
YUV	123.5580, -57.4631, -96.0824
Hunter-Lab	65.0767, -55.3504, 38.9478

Details

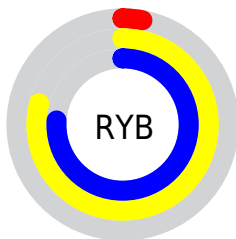
The YUV color **123.5580, -57.4631, -96.0824** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **85.4420, 57.4631, 96.0824**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1400, -53.3130, -73.7908**, and **85.7020, -42.2511, -75.1607** is the 20% darker color. If you saturate the color by 10%, you get **120.6670, -59.4888, -99.6860**, and if you desaturate by 10%, it is **131.5190, -51.5279, -86.4012**.

Distribution



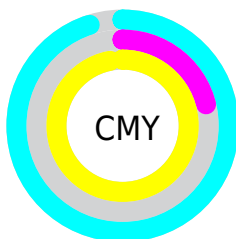
- Red (5%)
- Green (79%)
- Blue (3%)



- Red (3%)
- Yellow (79%)
- Blue (76%)



- Cyan (93%)
- Magenta (0%)
- Yellow (97%)
- Black (21%)



- Cyan (95%)
- Magenta (21%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5580, -57.4631, -96.0824 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 123.5580, -57.4631, -96.0824 by changing the saturation by 10% instead.

■ 123.5580,
-57.4631, -96.0824

■ 123.5580,
-57.4631, -96.0824

■ 255.0000, 0.0000,
0.0000

■ 102.1380,
-50.3540, -89.5750

■ 191.1400,
-53.3130, -73.7908

■ 85.7020, -42.2511,
-75.1607

■ 204.3130,
-45.5103, -56.4025

■ 69.8530, -34.4375,
-61.2611

■ 217.0730,
-37.9970, -39.5290

■ 54.5910, -26.9134,
-47.8763

■ 229.6480,
-29.8995, -23.3703

■ 39.3290, -19.3892,
-34.4915

■ 242.2230,
-21.8019, -7.2116

■ 25.2410, -12.4438,
-22.1364

■ 251.8080,

■ 4.6960, -2.3151,

-12.2303, 2.7994

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 123.5580,
-57.4631, -96.0824

■ 123.5580,
-57.4631, -96.0824

■ 120.6670,
-59.4888, -99.6860

■ 131.5190,
-51.5279, -86.4012

■ 139.7790,
-45.7400, -76.1052

■ 147.8540,
-39.3680, -66.5240

■ 156.1140,
-33.5802, -56.2280

■ 164.0750,
-27.6450, -46.5468

■ 172.3350,
-21.8572, -36.2508

■ 180.2960,
-15.9219, -26.5696

■ 188.6700, -9.6973,
-16.3736

■ 196.6310, -3.7621,
-6.6924

Harmonies

Analogous

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



157.9300, -77.8595, 6.2004



123.5580, -57.4631, -96.0824



137.7480, -5.2988, -120.8050

Triad

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



123.5580, -57.4631, -96.0824



144.7090, 54.3735, -126.9098



121.5890, 4.1466, 117.0014

Complementary

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



123.5580, -57.4631, -96.0824



85.4420, 57.4631, 96.0824

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



123.5580, -57.4631, -96.0824



128.2730, 62.4764, -112.4954

Square

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



123.5580, -57.4631, -96.0824



152.3400, 50.6114, -133.6022



171.2480, 41.2897, 56.7875



144.0870, -51.8079, 97.2707

Rectangle

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



123.5580, -57.4631, -96.0824



146.8050, 21.7881, -128.7480



171.2480, 41.2897, 56.7875



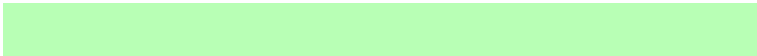
119.1390, 20.1445, 119.1501

Sweetspot

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



123.5580, -57.4631, -96.0824



225.3350, -21.8572, -36.2508



173.9000, -82.2817, 24.6437



109.7140, -13.1700, -22.5512



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.



123.5580, -57.4631, -96.0824



152.3760, -75.1214, -125.7408



131.4970, -17.9930, -109.1839



97.8700, -2.8939, -5.1480



99.2360, -48.9233, -81.7680



22.6050, -11.1443, -18.9476

Inverse Universe

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



85.4420, 57.4631, 96.0824



102.6240, 75.1214, 125.7408



77.5030, 17.9930, 109.1839



96.1300, 2.8939, 5.1480



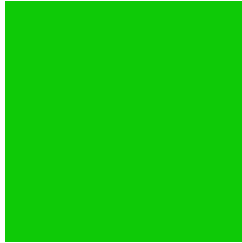
66.7640, 48.9233, 81.7680



15.3950, 11.1443, 18.9476

Previews

White Background



This preview shows how the YUV color 123.5580, -57.4631, -96.0824 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 123.5580, -57.4631, -96.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

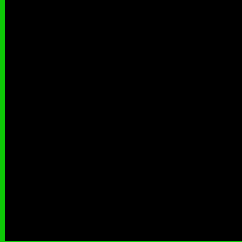
Any Text WCAG AA ✓ Pass

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 123.5580, -57.4631, -96.0824 Background



This preview shows how black text looks on a background with the YUV color 123.5580, -57.4631, -96.0824.



This preview shows how white text looks on a background with the YUV color 123.5580, -57.4631, -96.0824.

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

123.5580, -57.4631, -96.0824

Protanopia

159.8560, -78.8090, 30.8213

Deuteranopia

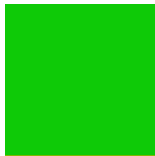
166.1670, -60.2283, 44.5805



Tritanopia

158.9130, 21.7349, -64.8217

Trichromacy



Original Color

123.5580, -57.4631, -96.0824



Protanomaly

146.9210, -70.9531, -15.7167



Deuteranomaly

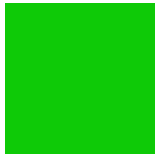
150.7770, -59.0501, -6.8204



Tritanomaly

145.9800, -6.8921, -76.2815

Monochromacy



Original Color

123.5580, -57.4631, -96.0824



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.5740, -20.9890, -34.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5580, -57.4631, -96.0824 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(14, 202, 7)` looks like.

```
.text, #text, p{  
    color:rgb(14, 202, 7)  
}
```

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(14, 202, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 202, 7) }
```

Border

The CSS property to change the border of an element to YUV 123.5580, -57.4631, -96.0824 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(14, 202, 7) }
```


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

```
.border{ border-color:rgb(14, 202, 7) }
```

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

Here you see how a box with a 4 pixel rgb(14, 202, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 202, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 202, 7);  
box-shadow:4px 4px 4px 4px rgb(14, 202, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 123.5580, -57.4631, -96.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 202, 7) }
```

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

```
.background{ background-color: rgb(14, 202,  
7) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor