

Converting Colors

YUV(163.3900, -69.2123,
-60.8550)

Have a look what the booklet for
YUV(163.3900, -69.2123, -60.8550)
contains.

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Color

**YUV(163.3900, -69.2123,
-60.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE217
RGB	94, 226, 23
RGB Percent	37%, 89%, 9%
CMY	0.6314, 0.1137, 0.9098
CMYK	0.58, 0.00, 0.90, 0.11
HSL	99°, 82%, 49%
HSV	99°, 90%, 89%
XYZ	31.9671, 56.8343, 10.0959
YIQ	163.3900, -13.5090, -91.1170

Conversions

Conversions Part 2

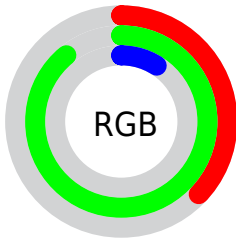
Format	Color
RYB	23, 226, 155
Decimal	6218263
CIELab	80.09, -66.45, 75.14
CIElCh	80, 100.309, 131.486
Yxy	56.8343, 0.3232, 0.5747
Android (android.graphics.Color)	4284408343 (0xFF5EE217)
YUV	163.3900, -69.2123, -60.8550
Hunter-Lab	75.3885, -56.2402, 44.8319

Details

The YUV color **163.3900, -69.2123, -60.8550** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **85.6100, 69.2123, 60.8550**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6430, -56.0260, -43.5369**, and **99.2030, -48.9071, -87.0010** is the 20% darker color. If you saturate the color by 10%, you get **156.2830, -77.0475, -67.7772**, and if you desaturate by 10%, it is **170.4970, -61.3770, -53.9329**.

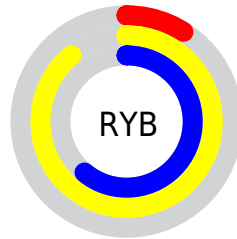
Distribution



Red (37%)

Green (89%)

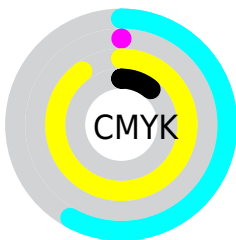
Blue (9%)



Red (9%)

Yellow (89%)

Blue (61%)

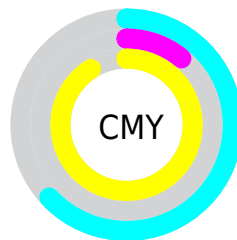


Cyan (58%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (63%)

Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3900, -69.2123, -60.8550 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 163.3900, -69.2123, -60.8550 by changing the saturation by 10% instead.

■ 163.3900,
-69.2123, -60.8550

■ 163.3900,
-69.2123, -60.8550

■ 255.0000, 0.0000,
0.0000

■ 132.6820,
-65.4122, -66.3731

■ 207.6430,
-56.0260, -43.5369

■ 99.2030, -48.9071,
-87.0010

■ 219.9190,
-47.7811, -27.9930

■ 83.3540, -41.0935,
-73.1015

■ 232.4940,
-39.6835, -11.8342

■ 67.5050, -33.2800,
-59.2019

■ 245.0690,
-31.5860, 4.3245

■ 52.2430, -25.7558,
-45.8171

■ 249.8700,
-19.6559, 4.4990

■ 37.5680, -18.5210,
-32.9471

■ 253.2900, -6.5520,

■ 23.4800, -11.5756,

1.4997

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 163.3900,
-69.2123, -60.8550

■ 163.3900,
-69.2123, -60.8550

■ 156.2830,
-77.0475, -67.7772

■ 170.4970,
-61.3770, -53.9329

■ 177.1910,
-53.8312, -47.5255

■ 184.2980,
-45.9959, -40.6033

■ 191.2910,
-38.5975, -33.5812

■ 198.0990,
-30.6148, -27.2738

■ 205.2060,
-22.7796, -20.3517

■ 212.1990,
-15.3811, -13.3295

■ 219.3060, -7.5459,
-6.4074

■ 226.0000, 0.0000,
0.0000

Harmonies

Analogous

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



182.5160, -89.9804, 20.5955



163.3900, -69.2123, -60.8550



153.9220, -9.3285, -134.9896

Triad

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



163.3900, -69.2123, -60.8550



161.1450, 46.2705, -141.3242



145.7650, 10.4689, 95.7991

Complementary

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



163.3900, -69.2123, -60.8550



85.6100, 69.2123, 60.8550

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.



165.7760, 43.9874, 78.2494



163.3900, -69.2123, -60.8550



145.2960, 54.0841, -127.4246

Square

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



163.3900, -69.2123, -60.8550



168.1890, 42.7978, -147.5018



193.3100, 30.4132, 45.3321



158.9850, -40.4186, 84.2052

Rectangle

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



163.3900, -69.2123, -60.8550



163.2070, 18.6319, -143.1325



193.3100, 30.4132, 45.3321



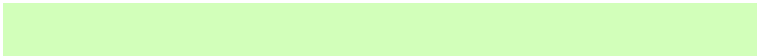
147.5380, 24.8778, 94.2442

Sweetspot

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



163.3900, -69.2123, -60.8550



233.6790, -23.5057, -20.7665



161.1810, -68.1232, 56.8463



115.2530, -13.9287, -12.4999



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.



163.3900, -69.2123, -60.8550



176.2960, -86.9139, -76.5586



145.5810, -45.6424, -107.5035



108.6530, -3.7729, -3.2037



121.8500, -60.0720, -52.4884



33.2590, -16.3967, -14.2591

Inverse Universe

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



85.6100, 69.2123, 60.8550



78.7040, 86.9139, 76.5586



103.4190, 45.6424, 107.5035



104.3470, 3.7729, 3.2037



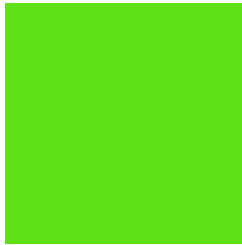
54.1500, 60.0720, 52.4885



15.0400, 16.2493, 14.8739

Previews

White Background



This preview shows how the YUV color 163.3900, -69.2123, -60.8550 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 163.3900, -69.2123, -60.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

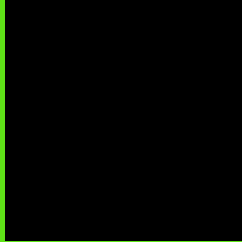
Any Text WCAG AA ✓ Pass

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 163.3900, -69.2123, -60.8550 Background



This preview shows how black text looks on a background with the YUV color 163.3900, -69.2123, -60.8550.



This preview shows how white text looks on a background with the YUV color 163.3900, -69.2123, -60.8550.

-60.8550.

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

163.3900, -69.2123, -60.8550

Protanopia

182.9290, -86.2400, 34.2653

Deuteranopia

189.7350, -68.3964, 51.0984



Tritanopia

187.7190, 19.3655, -51.4966

Trichromacy



Original Color

163.3900, -69.2123, -60.8550

Protanomaly

175.9030, -80.3112, -0.7919

Deuteranomaly

180.0690, -68.5610, 10.4635

Tritanomaly

178.9180, -12.7776, -55.1791

Monochromacy



Original Color

163.3900, -69.2123, -60.8550

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2120, -25.2475, -22.1109

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3900, -69.2123, -60.8550 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(94, 226, 23)` looks like.

```
.text, #text, p{  
    color:rgb(94, 226, 23)  
}
```

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(94, 226, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 226, 23) }
```

Border

The CSS property to change the border of an element to YUV 163.3900, -69.2123, -60.8550 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(94, 226, 23) }
```


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

```
.border{ border-color:rgb(94, 226, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 226, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 226, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 226, 23);  
box-shadow:4px 4px 4px 4px rgb(94, 226,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 163.3900, -69.2123, -60.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 226, 23) }
```

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

```
.background{ background-color: rgb(94, 226,  
23) }
```

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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