

Converting Colors

YUV(120.4120, -59.3631,
-93.3233)

Have a look what the booklet for
YUV(120.4120, -59.3631, -93.3233)
contains.

YUV(120.4120, -59.3631, -93.3233)	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(120.4120, -59.3631,
-93.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	0EC600
RGB	14, 198, 0
RGB Percent	5%, 78%, 0%
CMY	0.9451, 0.2235, 1.0000
CMYK	0.93, 0.00, 1.00, 0.22
HSL	116°, 100%, 39%
HSV	116°, 100%, 78%
XYZ	20.3752, 40.4815, 6.7398
YIQ	120.4120, -46.1060, -100.5860

Conversions

Conversions Part 2

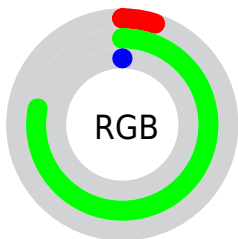
Format	Color
R_{YB}	0, 198, 184
Decimal	968192
CIE _{Lab}	69.81, -70.63, 68.84
CIE _{LCh}	70, 98.626, 135.738
Yxy	40.4815, 0.3014, 0.5989
Android (android.graphics.Color)	4279158272 (0xFF0EC600)
YUV	120.4120, -59.3631, -93.3233
Hunter-Lab	63.6251, -54.1814, 38.2569

Details

The YUV color **120.4120, -59.3631, -93.3233** 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 **77.5880, 59.3631, 93.3233**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4990, -54.4760, -74.1056**, and **83.3540, -41.0935, -73.1015** is the 20% darker color. If you saturate the color by 10%, you get **120.4120, -59.3631, -93.3233**, and if you desaturate by 10%, it is **128.0740, -53.2805, -84.2569**.

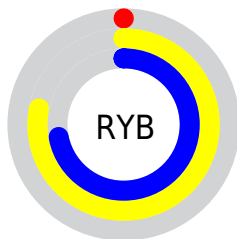
Distribution



Red (5%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (72%)

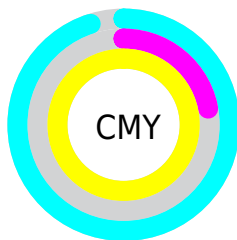


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (95%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4120, -59.3631, -93.3233 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 120.4120, -59.3631, -93.3233 by changing the saturation by 10% instead.


 120.4120,
-59.3631, -93.3233


 120.4120,
-59.3631, -93.3233


255.0000, 0.0000,
0.0000


 99.7900, -49.1965,
-87.5158


 190.4990,
-54.4760, -74.1056

 83.3540, -41.0935,
-73.1015


 203.6720,
-46.6733, -56.7173


 67.5050, -33.2800,
-59.2019


 216.1330,
-39.0126, -40.4586

 52.2430, -25.7558,
-45.8171

 229.0070,
-31.0625, -23.6851

 37.5680, -18.5210,
-32.9471

 241.5820,
-22.9649, -7.5264

 22.8930, -11.2862,
-20.0772

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 120.4120,
-59.3631, -93.3233

■ 128.0740,
-53.2805, -84.2569

■ 136.0350,
-47.3453, -74.5757

■ 143.5830,
-41.6994, -65.4093

■ 151.5440,
-35.7642, -55.7281

■ 159.2060,
-29.6816, -46.6617

■ 166.8680,
-23.5989, -37.5952

■ 174.8290,
-17.6637, -27.9140

■ 182.3770,
-12.0179, -18.7476

■ 190.3380, -6.0826,
-9.0664

Harmonies

Analogous

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



154.6850, -76.2597, 6.4153



120.4120, -59.3631, -93.3233



134.9440, -5.8884, -118.3459

Triad

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



120.4120, -59.3631, -93.3233



142.9480, 55.2416, -125.3654



119.0130, 4.4306, 119.2606

Complementary

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



120.4120, -59.3631, -93.3233



77.5880, 59.3631, 93.3233

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.



136.2030, 39.8329, 104.1850



120.4120, -59.3631, -93.3233



126.5120, 63.3446, -110.9510

Square

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



120.4120, -59.3631, -93.3233



149.9920, 51.7689, -131.5430



168.2800, 42.7530, 54.1284



142.2120, -51.3765, 98.9151

Rectangle

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



120.4120, -59.3631, -93.3233



143.3000, 21.0511, -125.6741



168.2800, 42.7530, 54.1284



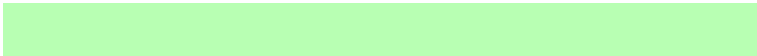
116.5630, 20.4284, 121.4092

Sweetspot

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



120.4120, -59.3631, -93.3233



225.1070, -22.7308, -36.0508



166.0360, -81.8557, 28.0324



109.8990, -13.7542, -21.8364



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.



120.4120, -59.3631, -93.3233



155.0670, -76.4480, -120.2078



125.6880, -21.0452, -110.2284



95.2830, -2.6045, -4.6332



99.2690, -48.9396, -76.5349



22.0290, -10.8603, -16.6884

Inverse Universe

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



77.5880, 59.3631, 93.3233



99.9330, 76.4480, 120.2078



72.3120, 21.0452, 110.2284



93.7170, 2.6045, 4.6332



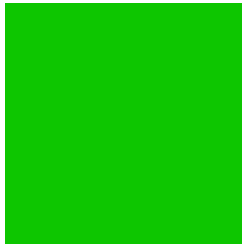
64.0300, 48.7922, 77.1497



13.9710, 10.8603, 16.6884

Previews

White Background



This preview shows how the YUV color 120.4120, -59.3631, -93.3233 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 120.4120, -59.3631, -93.3233 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 120.4120, -59.3631, -93.3233 Background



This preview shows how black text looks on a background with the YUV color 120.4120, -59.3631, -93.3233.



This preview shows how white text looks on a background with the YUV color 120.4120, -59.3631, -93.3233.

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

120.4120, -59.3631, -93.3233

Protanopia

156.8990, -77.3512, 29.9066

Deuteranopia

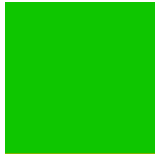
162.5090, -58.9179, 44.2806



Tritanopia

155.8100, 21.2927, -62.9774

Trichromacy



Original Color

120.4120, -59.3631, -93.3233



Protanomaly

143.6330, -70.8111, -14.5871



Deuteranomaly

147.3750, -59.3449, -5.5909



Tritanomaly

143.0620, -7.9186, -73.7224

Monochromacy



Original Color

120.4120, -59.3631, -93.3233



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.7590, -21.5732, -33.9916

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4120, -59.3631, -93.3233 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, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(14, 198, 0)  
}
```

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, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 198, 0) }
```

Border

The CSS property to change the border of an element to YUV 120.4120, -59.3631, -93.3233 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, 198, 0) }
```


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

```
.border{ border-color:rgb(14, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(14, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(14, 198, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 120.4120, -59.3631, -93.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 198, 0) }
```

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

```
.background{ background-color: rgb(14, 198,  
0) }
```

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