

Converting Colors

YUV(129.5790, -59.4454,
-113.6408)

Have a look what the booklet for
YUV(129.5790, -59.4454, -113.6408)
contains.

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Color

**YUV(129.5790, -59.4454,
-113.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB09
RGB	0, 219, 9
RGB Percent	0%, 86%, 4%
CMY	1.0000, 0.1412, 0.9647
CMYK	1.00, 0.00, 0.96, 0.14
HSL	122°, 100%, 43%
HSV	122°, 100%, 86%
XYZ	25.3808, 50.6828, 8.7035
YIQ	129.5790, -63.1140, -111.7380

Conversions

Conversions Part 2

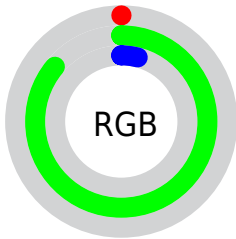
Format	Color
RYB	0, 210, 219
Decimal	56073
CIELab	76.49, -76.67, 73.31
CIELCh	76, 106.076, 136.285
Yxy	50.6828, 0.2994, 0.5979
Android (android.graphics.Color)	4278246153 (0xFF00DB09)
YUV	129.5790, -59.4454, -113.6408
Hunter-Lab	71.1918, -60.9481, 42.5858

Details

The YUV color **129.5790, -59.4454, -113.6408** 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 **89.4210, 59.4454, 113.6408**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4930, -52.0080, -72.3464**, and **95.0940, -46.8813, -83.3974** is the 20% darker color. If you saturate the color by 10%, you get **129.5790, -59.4454, -113.6408**, and if you desaturate by 10%, it is **138.5510, -53.5156, -102.2152**.

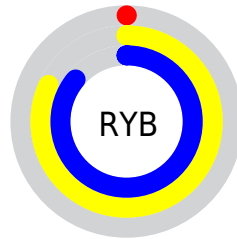
Distribution



Red (0%)

Green (86%)

Blue (4%)



Red (0%)

Yellow (82%)

Blue (86%)

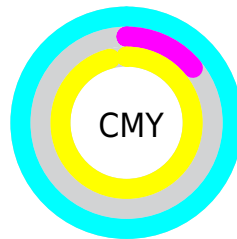


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (14%)



Cyan (100%)

Magenta (14%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5790, -59.4454, -113.6408 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 129.5790, -59.4454, -113.6408 by changing the saturation by 10% instead.

■ 129.5790,
-59.4454, -113.6408

■ 129.5790,
-59.4454, -113.6408

■ 255.0000, 0.0000,
0.0000

■ 111.5300,
-54.9843, -97.8118

■ 192.4930,
-52.0080, -72.3464

■ 95.0940, -46.8813,
-83.3974

■ 205.9650,
-44.3527, -54.3433

■ 79.2450, -39.0678,
-69.4979

■ 218.8390,
-36.4026, -37.5698

■ 63.3960, -31.2542,
-55.5983

■ 231.7130,
-28.4525, -20.7963

■ 47.5470, -23.4407,
-41.6987

■ 244.5870,
-20.5024, -4.0228

■ 33.4590, -16.4953,
-29.3435

■ 252.4920, -9.6096,

■ 18.1970, -8.9711,

2.1995

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 129.5790,
-59.4454, -113.6408

■ 138.5510,
-53.5156, -102.2152

■ 147.5230,
-47.5858, -90.7897

■ 156.4950,
-41.6560, -79.3641

■ 165.4670,
-35.7262, -67.9386

■ 174.4390,
-29.7964, -56.5130

■ 183.1120,
-23.7192, -45.7022

■ 192.0840,
-17.7894, -34.2767

■ 201.0560,
-11.8596, -22.8511

■ 210.0280, -5.9298,
-11.4256

Harmonies

Analogous

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



171.2090, -84.4060, 5.9557



129.5790, -59.4454, -113.6408



149.5680, -5.7030, -131.1711

Triad

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



129.5790, -59.4454, -113.6408



154.6880, 49.4538, -135.6614



125.0770, 7.3570, 113.9425

Complementary

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



129.5790, -59.4454, -113.6408



89.4210, 59.4454, 113.6408

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.



142.7060, 46.9799, 98.4818



129.5790, -59.4454, -113.6408



136.4910, 58.4249, -119.7026

Square

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



129.5790, -59.4454, -113.6408



162.3190, 45.6917, -142.3538



182.7990, 35.5951, 63.3203



149.7120, -53.1020, 92.3376

Rectangle

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



129.5790, -59.4454, -113.6408



158.7220, 24.2941, -139.1992



182.7990, 35.5951, 63.3203



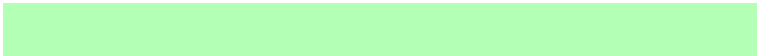
121.7950, 25.2441, 116.8208

Sweetspot

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



129.5790, -59.4454, -113.6408



223.9540, -20.6833, -39.4247



191.9410, -94.6269, 17.5917



109.1160, -12.8752, -23.7807



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.



129.5790, -59.4454, -113.6408



150.8250, -69.4267, -132.2735



141.8910, -12.2713, -124.4384



105.4570, -3.1833, -5.6628



102.3490, -47.0071, -89.7601



27.2300, -12.4384, -23.8807

Inverse Universe

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



89.4210, 59.4454, 113.6408



104.1750, 69.4267, 132.2735



77.1090, 12.2713, 124.4384



103.4290, 2.7465, 5.7628



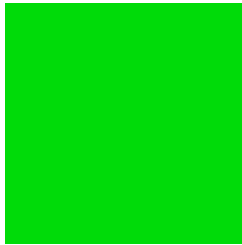
70.6510, 47.0071, 89.7601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 129.5790, -59.4454, -113.6408 looks on a white background.

Color Contrast Check

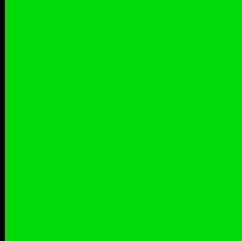
Large Text (above 18pt) WCAG AA × Fail

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 129.5790, -59.4454, -113.6408 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

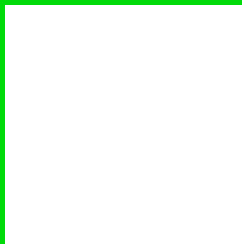
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.5790, -59.4454, -113.6408 Background



This preview shows how black text looks on a background with the YUV color 129.5790, -59.4454, -113.6408.



This preview shows how white text looks on a background with the YUV color 129.5790, -59.4454, -113.6408.

-113.6408.

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



Protanopia

173.4450, -85.5084, 32.9357

Deuteranopia

179.6360, -64.8965, 48.5542

Tritanopia

172.3360, 23.4984, -70.4547

Trichromacy



Protanomaly

157.2210, -76.0310, -20.3648

Deuteranomaly

161.4300, -62.8230, -10.0241

Tritanomaly

156.6260, -6.7176, -85.6180

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7150, -21.5515, -40.9691

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5790, -59.4454, -113.6408 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(0, 219, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 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(0, 219, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 9) }
```

Border

The CSS property to change the border of an element to YUV 129.5790, -59.4454, -113.6408 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(0, 219, 9) }
```

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

```
.border{ border-color:rgb(0, 219, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 219, 9); box-shadow:4px  
4px 4px 4px rgb(0, 219, 9) }
```


Background

The CSS property to change the background color of an element to YUV 129.5790, -59.4454, -113.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 9) }
```

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

```
.background{ background-color: rgb(0, 219,  
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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