

Converting Colors

YIQ(129.0090, -61.5090,
-113.2930)

Have a look what the booklet for
YIQ(129.0090, -61.5090, -113.2930)
contains.

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Color

**YIQ(129.0090, -61.5090,
-113.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB04
RGB	0, 219, 4
RGB Percent	0%, 86%, 2%
CMY	1.0000, 0.1408, 0.9843
CMYK	1.00, 0.00, 0.98, 0.14
HSL	121°, 100%, 43%
HSV	121°, 100%, 86%
XYZ	25.3772, 50.7195, 8.5666
YIQ	129.0090, -61.5090, -113.2930

Conversions

Conversions Part 2

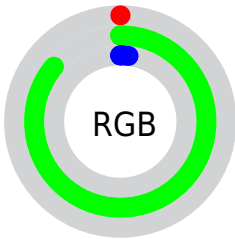
Format	Color
RYB	0, 215, 219
Decimal	56068
CIELab	76.51, -76.78, 73.80
CIELCh	77, 106.497, 136.135
Yxy	50.7195, 0.2997, 0.5991
Android (android.graphics.Color)	4278246148 (0xFF00DB04)
YUV	129.0090, -61.6294, -113.1409
Hunter-Lab	71.2176, -61.0254, 42.7205

Details

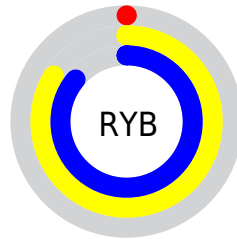
The YIQ color **129.0090, -61.5090, -113.2930** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **89.9910, 61.5090, 113.2930**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.3790, -32.1710, -83.2990**, and **95.0940, -44.5500, -84.7260** is the 20% darker color. If you saturate the color by 10%, you get **129.0090, -61.5090, -113.2930**, and if you desaturate by 10%, it is **138.0950, -55.4590, -101.7870**.

Distribution



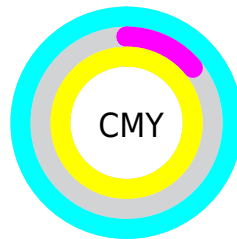
- Red (0%)
- Green (86%)
- Blue (2%)



- Red (0%)
- Yellow (84%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.0090, -61.5090, -113.2930 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 YIQ color 129.0090, -61.5090, -113.2930 by changing the saturation by 10% instead.

■ 129.0090,
-61.5090, -113.2930

■ 129.0090,
-61.5090, -113.2930

■ 255.0000, -0.0000,
-0.0000

■ 111.5300,
-52.2500, -99.3700

■ 192.3790,
-32.1710, -83.2990

■ 95.0940, -44.5500,
-84.7260

■ 205.8510,
-21.2160, -67.0720

■ 79.2450, -37.1250,
-70.6050

■ 218.7250,
-11.4530, -51.2690

■ 63.3960, -29.7000,
-56.4840

■ 231.5990, -1.6900,
-35.4660

■ 48.1340, -22.5500,
-42.8860

■ 244.4730, 8.0730,
-19.6630

■ 33.4590, -15.6750,
-29.8110

■ 252.3780, 7.3830,

■ 18.1970, -8.5250,

-7.1530

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 129.0090,
-61.5090, -113.2930

■ 138.0950,
-55.4590, -101.7870

■ 147.0670,
-49.0880, -90.5920

■ 156.1530,
-43.0380, -79.0860

■ 165.1250,
-36.6670, -67.8910

■ 174.2110,
-30.6170, -56.3850

■ 182.8840,
-24.8420, -45.4020

■ 191.9700,
-18.7920, -33.8960

■ 200.9420,
-12.4210, -22.7010

■ 210.0280, -6.3710,
-11.1950

Harmonies

Analogous

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



171.2090, 50.8130, -67.3870



129.0090, -61.5090, -113.2930



149.5680, -106.9980, -76.3260

Triad

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



129.0090, -61.5090, -113.2930



154.6880, -140.7050, -32.6170



124.0170, 91.8690, 69.6690

Complementary

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



129.0090, -61.5090, -113.2930



89.9910, 61.5090, 113.2930

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.



142.2330, 57.1110, 93.8710



129.0090, -61.5090, -113.2930



136.4910, -132.1800, -16.4040

Square

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



129.0090, -61.5090, -113.2930



162.9060, -144.5550, -39.9390



182.7990, 33.8250, 64.3290



149.5980, 106.6440, 5.6200

Rectangle

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



129.0090, -61.5090, -113.2930



158.6080, -129.6970, -55.9130



182.7990, 33.8250, 64.3290



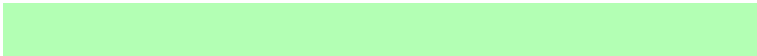
120.6210, 84.8970, 85.8970

Sweetspot

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



129.0090, -61.5090, -113.2930



223.7260, -21.2210, -39.4370



192.8380, 67.9150, -68.9570



109.0020, -12.6500, -24.0580



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.



129.0090, -61.5090, -113.2930



150.2550, -71.7300, -131.8100



141.4350, -96.4980, -79.3940



105.4570, -3.0250, -5.7530



101.8930, -48.5380, -89.5460



27.1160, -12.9710, -23.7470

Inverse Universe

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



89.9910, 61.5090, 113.2930



104.7450, 71.7300, 131.8100



77.5650, 96.4980, 79.3940



103.4290, 3.3460, 5.4420



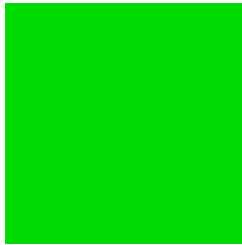
71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 129.0090, -61.5090, -113.2930 looks on a white background.

Color Contrast Check

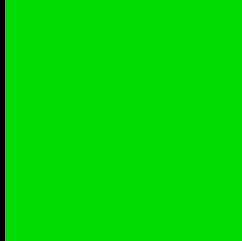
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.0090, -61.5090, -113.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

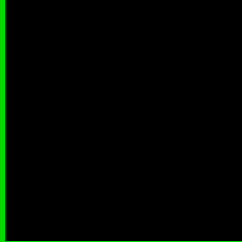
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

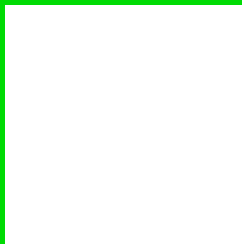
Any Text WCAG AAA ✓ Pass

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

YIQ 129.0090, -61.5090, -113.2930 Background



This preview shows how black text looks on a background with the YIQ color 129.0090, -61.5090, -113.2930.



This preview shows how white text looks on a background with the YIQ color 129.0090, -61.5090, -113.2930.

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

129.0090, -61.5090, -113.2930

Protanopia

173.4450, 74.0560, -53.5920

Deuteranopia

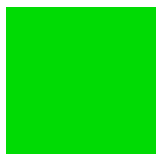
180.2230, 75.7020, -28.3460



Tritanopia

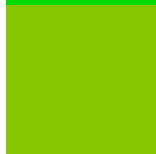
172.3360, -71.8880, -18.7680

Trichromacy



Original Color

129.0090, -61.5090, -113.2930



Protanomaly

156.9930, 24.8180, -75.3580



Deuteranomaly

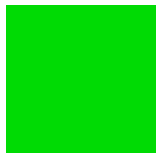
161.7890, 26.0530, -59.1870



Tritanomaly

156.3980, -67.5720, -52.9480

Monochromacy



Original Color

129.0090, -61.5090, -113.2930



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.1880, -22.6420, -41.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.0090, -61.5090, -113.2930 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YIQ 129.0090, -61.5090, -113.2930 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, 4) }
```


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

```
.border{ border-color:rgb(0, 219, 4) }
```

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YIQ 129.0090, -61.5090, -113.2930 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, 4) }
```

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

```
.background{ background-color: rgb(0, 219,  
4) }
```

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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