

Converting Colors

YUV(127.7280, -28.4599,
-112.0175)

Have a look what the booklet for
YUV(127.7280, -28.4599, -112.0175)
contains.

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Color

**YUV(127.7280, -28.4599,
-112.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC46
RGB	0, 204, 70
RGB Percent	0%, 80%, 27%
CMY	1.0000, 0.2000, 0.7255
CMYK	1.00, 0.00, 0.66, 0.20
HSL	141°, 100%, 40%
HSV	141°, 100%, 80%
XYZ	22.6984, 43.6279, 13.0191
YIQ	127.7280, -78.5700, -84.9220

Conversions

Conversions Part 2

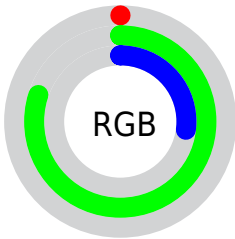
Format	Color
RYB	0, 152, 204
Decimal	52294
CIELab	71.98, -69.01, 53.16
CIELCh	72, 87.110, 142.393
Yxy	43.6279, 0.2861, 0.5498
Android (android.graphics.Color)	4278242374 (0xFF00CC46)
YUV	127.7280, -28.4599, -112.0175
Hunter-Lab	66.0514, -54.2491, 34.5497

Details

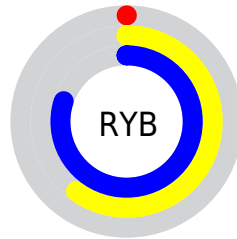
The YUV color **127.7280, -28.4599, -112.0175** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **76.2720, 28.4599, 112.0175**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6180, -34.8147, -80.3490**, and **87.4460, -40.6459, -76.6901** is the 20% darker color. If you saturate the color by 10%, you get **127.7280, -28.4599, -112.0175**, and if you desaturate by 10%, it is **135.1900, -25.7297, -101.0216**.

Distribution



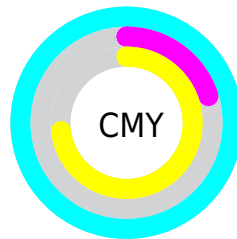
- Red (0%)
- Green (80%)
- Blue (27%)



- Red (0%)
- Yellow (60%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7280, -28.4599, -112.0175 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 127.7280, -28.4599, -112.0175 by changing the saturation by 10% instead.

■ 127.7280,
-28.4599, -112.0175

■ 127.7280,
-28.4599, -112.0175

■ 255.0000, 0.0000,
0.0000

■ 108.1000,
-32.5873, -94.8037

■ 194.6180,
-34.8147, -80.3490

■ 87.4460, -40.6459,
-76.6901

■ 207.5630,
-27.8856, -62.7608

■ 71.0270, -35.0163,
-62.2907

■ 220.0240,
-20.2248, -46.5020

■ 55.7650, -27.4921,
-48.9059

■ 232.4850,
-12.5641, -30.2433

■ 40.5030, -19.9680,
-35.5211

■ 245.0600, -4.4666,
-14.0846

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 127.7280,
-28.4599, -112.0175

■ 135.1900,
-25.7297, -101.0216

■ 143.0650,
-22.7100, -89.5110

■ 150.5270,
-19.9798, -78.5152

■ 158.4020,
-16.9602, -67.0046

■ 165.8640,
-14.2300, -56.0087

■ 173.3260,
-11.4997, -45.0129

■ 181.2010, -8.4801,
-33.5023

■ 188.6630, -5.7499,
-22.5065

■ 196.5380, -2.7302,
-10.9958

Harmonies

Analogous

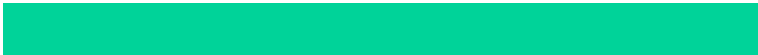
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.8750, -77.8324, -2.5214



127.7280, -28.4599, -112.0175



141.2990, 5.7686, -123.9192

Triad

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



127.7280, -28.4599, -112.0175



141.7740, 55.8204, -124.3358



145.2170, -11.9390, 96.2797

Complementary

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



127.7280, -28.4599, -112.0175



76.2720, 28.4599, 112.0175

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.



151.2880, 24.0150, 90.9554



127.7280, -28.4599, -112.0175



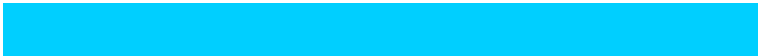
163.0120, 45.3501, -32.4595

Square

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



127.7280, -28.4599, -112.0175



150.5790, 51.4796, -132.0578



177.4940, 38.2105, 64.4648



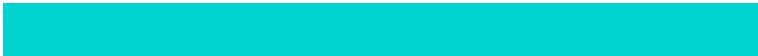
158.2720, -55.8431, 84.8305

Rectangle

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



127.7280, -28.4599, -112.0175



148.1560, 29.5031, -129.9328



177.4940, 38.2105, 64.4648



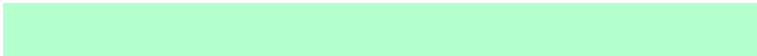
144.0720, 1.4435, 97.2839

Sweetspot

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



127.7280, -28.4599, -112.0175



226.5760, -10.6370, -41.7242



160.4120, -79.0831, -21.4093



110.7120, -6.7600, -25.1804



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.



127.7280, -28.4599, -112.0175



159.7170, -35.3565, -140.0718



139.1280, 15.2199, -122.0153



98.2120, -1.5835, -5.4479



103.9400, -23.1414, -91.1554



23.7880, -5.3185, -20.8621

Inverse Universe

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



76.2720, 28.4599, 112.0175



95.2830, 35.3565, 140.0718



64.8720, -15.2199, 122.0153



95.6740, 1.1467, 5.5479



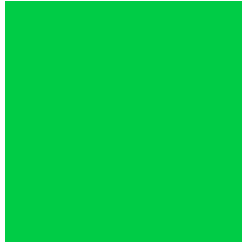
62.0600, 23.1414, 91.1554



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 127.7280, -28.4599, -112.0175 looks on a white background.

Color Contrast Check

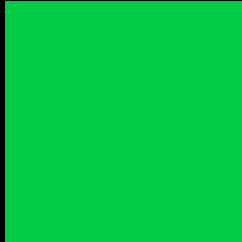
Large Text (above 18pt) WCAG AA × Fail

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 127.7280, -28.4599, -112.0175 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 127.7280, -28.4599, -112.0175 Background



This preview shows how black text looks on a background with the YUV color 127.7280, -28.4599, -112.0175.



This preview shows how white text looks on a background with the YUV color 127.7280, -28.4599, -112.0175.

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

168.3970, -52.4537, 24.2078

Deuteranopia

171.3740, -44.0614, 39.1370

Tritanopia

160.1190, 22.6193, -68.5104

Trichromacy



Protanomaly

153.9670, -43.8607, -25.4041

Deuteranomaly

155.5150, -38.2149, -16.2377

Tritanomaly

148.4980, 4.1915, -84.6287

Monochromacy



Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9890, -10.3476, -41.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7280, -28.4599, -112.0175 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, 204, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 70)  
}
```

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, 204, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 70) }
```

Border

The CSS property to change the border of an element to YUV 127.7280, -28.4599, -112.0175 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, 204, 70) }
```

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

```
.border{ border-color:rgb(0, 204, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 70);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 70)  
}
```


Background

The CSS property to change the background color of an element to YUV 127.7280, -28.4599, -112.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 70) }
```

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

```
.background{ background-color: rgb(0, 204,  
70) }
```

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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