

Converting Colors

YUV(175.4520, -29.8028,
-101.2514)

Have a look what the booklet for
YUV(175.4520, -29.8028, -101.2514)
contains.

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Color

**YUV(175.4520, -29.8028,
-101.2514)**

Conversions

Conversions Part 1

Format	Color
Hex	3CF673
RGB	60, 246, 115
RGB Percent	24%, 96%, 45%
CMY	0.7647, 0.0353, 0.5490
CMYK	0.76, 0.00, 0.53, 0.04
HSL	138°, 91%, 60%
HSV	138°, 76%, 96%
XYZ	37.9138, 68.1100, 27.3679
YIQ	175.4520, -68.8050, -80.1730

Conversions

Conversions Part 2

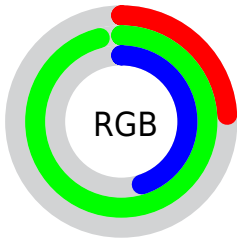
Format	Color
RYB	60, 204, 246
Decimal	3995251
CIELab	86.06, -71.86, 49.75
CIELCh	86, 87.397, 145.304
Yxy	68.1100, 0.2842, 0.5106
Android (android.graphics.Color)	4282185331 (0xFF3CF673)
YUV	175.4520, -29.8028, -101.2514
Hunter-Lab	82.5288, -62.4224, 38.1086

Details

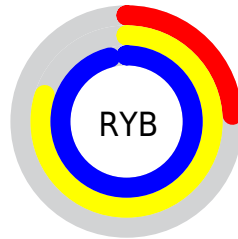
The YUV color **175.4520, -29.8028, -101.2514** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **130.5480, 29.8028, 101.2514**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0170, -19.7284, -65.7899**, and **117.4240, -27.3240, -102.9808** is the 20% darker color. If you saturate the color by 10%, you get **166.0390, -33.5432, -114.9212**, and if you desaturate by 10%, it is **184.8650, -26.0624, -87.5816**.

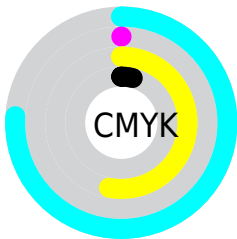
Distribution



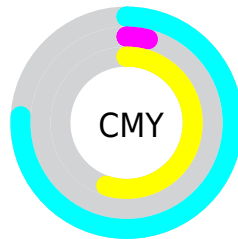
- Red (24%)
- Green (96%)
- Blue (45%)



- Red (24%)
- Yellow (80%)
- Blue (96%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4520, -29.8028, -101.2514 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 175.4520, -29.8028, -101.2514 by changing the saturation by 10% instead.

175.4520,
-29.8028, -101.2514

175.4520,
-29.8028, -101.2514

255.0000, 0.0000,
0.0000

137.5250,
-23.9228, -120.6094

209.0170,
-19.7284, -65.7899

117.4240,
-27.3240, -102.9808

221.8910,
-11.7783, -49.0164

97.7960, -31.4514,
-85.7671

234.6510, -4.2649,
-32.1429

78.0710, -38.4890,
-68.4683

247.2260, 3.8326,
-15.9842

62.2220, -30.6754,
-54.5687

46.9600, -23.1513,
-41.1839

32.8720, -16.2059,

-28.8287

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 175.4520,
-29.8028, -101.2514

■ 175.4520,
-29.8028, -101.2514

■ 166.0390,
-33.5432, -114.9212

■ 184.8650,
-26.0624, -87.5816


■ 156.8110,
-37.8678, -127.8762

■ 194.0930,
-21.7378, -74.6266

■ 152.7240,
-39.3039, -133.9389


■ 203.5060,
-17.9975, -60.9568


■ 212.6200,
-14.1097, -47.9017

 222.1470, -9.9325,
-34.3319

 231.5600, -6.1921,
-20.6621

 240.6740, -2.3043,
-7.6071

 249.6030, 2.1677,
4.7332

 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



195.8420, -77.8161, -7.7544



175.4520, -29.8028, -101.2514



171.1970, 13.7069, -150.1398

Triad

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



175.4520, -29.8028, -101.2514



163.4930, 45.1130, -143.3834



175.5250, -12.5838, 69.6996

Complementary

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



175.4520, -29.8028, -101.2514



130.5480, 29.8028, 101.2514

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.



180.7640, 25.2593, 65.1050



175.4520, -29.8028, -101.2514



202.3940, 25.9348, -11.7465

Square

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



175.4520, -29.8028, -101.2514



174.0590, 39.9039, -152.6497



199.8220, 27.2028, 48.3911



186.4600, -54.4568, 60.1096

Rectangle

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



175.4520, -29.8028, -101.2514



178.1680, 37.8782, -156.2533



199.8220, 27.2028, 48.3911



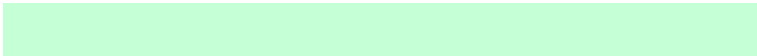
174.9670, 0.5093, 70.1889

Sweetspot

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



175.4520, -29.8028, -101.2514



232.6850, -9.2117, -32.1727



208.9490, -73.4319, -13.9873



114.2720, -6.0501, -19.5325



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.



175.4520, -29.8028, -101.2514



167.0500, -36.9997, -126.3319



185.8260, 9.9458, -110.3494



117.5000, -1.7255, -6.5775



115.4520, -29.8028, -101.2514



36.5710, -9.6485, -32.0728

Inverse Universe

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



130.5480, 29.8028, 101.2514



110.9500, 36.9997, 126.3319



120.1740, -9.9458, 110.3494



114.6140, 2.1623, 6.4775



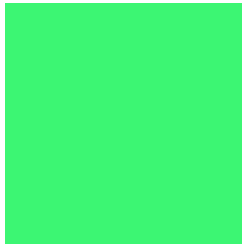
70.5480, 29.8028, 101.2514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 175.4520, -29.8028, -101.2514 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 175.4520, -29.8028, -101.2514 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 175.4520, -29.8028, -101.2514 Background



This preview shows how black text looks on a background with the YUV color 175.4520, -29.8028, -101.2514.

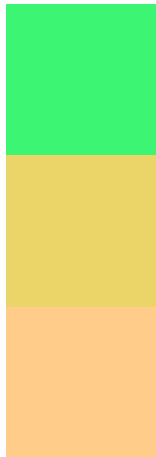


This preview shows how white text looks on a background with the YUV color 175.4520, -29.8028, -101.2514.

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

175.4520, -29.8028, -101.2514

Protanopia

207.4510, -51.0013, 25.0375

Deuteranopia

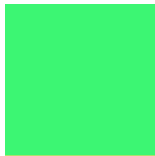
211.6110, -36.7832, 38.0522



Tritanopia

197.5740, 25.8460, -76.8024

Trichromacy



Original Color

175.4520, -29.8028, -101.2514



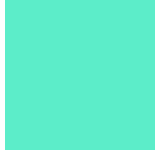
Protanomaly

195.8150, -43.2928, -20.8858



Deuteranomaly

198.2750, -34.1526, -12.5192



Tritanomaly

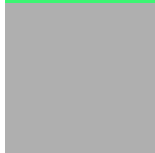
189.5410, 5.6493, -85.5435

Monochromacy



Original Color

175.4520, -29.8028, -101.2514



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1960, -10.9426, -37.0059

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4520, -29.8028, -101.2514 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(60, 246, 115)` looks like.

```
.text, #text, p{  
    color:rgb(60, 246, 115)  
}
```

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(60, 246, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 246, 115) }
```

Border

The CSS property to change the border of an element to YUV 175.4520, -29.8028, -101.2514 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(60, 246, 115) }
```


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

```
.border{ border-color:rgb(60, 246, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 246, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 246, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 246, 115);  
box-shadow:4px 4px 4px 4px rgb(60, 246,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 175.4520, -29.8028, -101.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 246, 115) }
```

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

```
.background{ background-color: rgb(60, 246,  
115) }
```

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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