

Converting Colors

YUV(171.1300, -24.7141,
-100.0920)

Have a look what the booklet for
YUV(171.1300, -24.7141, -100.0920)
contains.

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Color

**YUV(171.1300, -24.7141,
-100.0920)**

Conversions

Conversions Part 1	
Format	Color
Hex	39EF79
RGB	57, 239, 121
RGB Percent	22%, 94%, 47%
CMY	0.7765, 0.0627, 0.5255
CMYK	0.76, 0.00, 0.49, 0.06
HSL	141°, 85%, 58%
HSV	141°, 76%, 94%
XYZ	36.0050, 63.9833, 28.5415
YIQ	171.1300, -70.5940, -75.2820

Conversions

Conversions Part 2

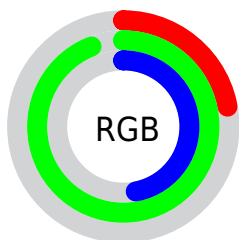
Format	Color
RYB	57, 192, 239
Decimal	3796857
CIELab	83.96, -69.07, 44.34
CIELCh	84, 82.078, 147.300
Yxy	63.9833, 0.2801, 0.4978
Android (android.graphics.Color)	4281986937 (0xFF39EF79)
YUV	171.1300, -24.7141, -100.0920
Hunter-Lab	79.9896, -59.6351, 34.8371

Details

The YUV color **171.1300, -24.7141, -100.0920** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **124.8700, 24.7141, 100.0920**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5050, -16.5180, -68.8489**, and **114.1130, -22.2407, -100.0771** is the 20% darker color. If you saturate the color by 10%, you get **162.2440, -27.7283, -113.3470**, and if you desaturate by 10%, it is **180.0160, -21.6999, -86.8370**.

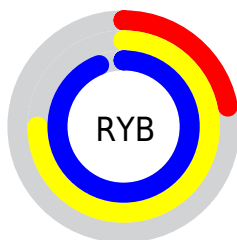
Distribution



Red (22%)

Green (94%)

Blue (47%)



Red (22%)

Yellow (75%)

Blue (94%)

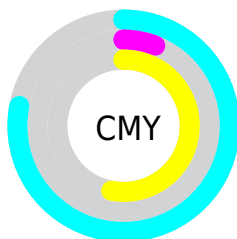


Cyan (76%)

Magenta (0%)

Yellow (49%)

Black (6%)



Cyan (78%)


Magenta (6%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.1300, -24.7141, -100.0920 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 171.1300, -24.7141, -100.0920 by changing the saturation by 10% instead.


 171.1300,
-24.7141, -100.0920

 171.1300,
-24.7141, -100.0920


255.0000, 0.0000,
0.0000


 134.1000,
-19.2763, -117.6057


 208.5050,
-16.5180, -68.8489

 114.1130,
-22.2407, -100.0771


 221.2650, -9.0046,
-51.9754


 95.3000, -25.7839,
-83.5781

 234.1390, -1.0545,
-35.2019

 75.5580, -30.3481,
-66.2644

 246.0300, 4.4222,
-18.4433

 58.7000, -28.9391,
-51.4799

 43.4380, -21.4149,
-38.0951

 29.3500, -14.4695,

-25.7399

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 171.1300,
-24.7141, -100.0920

■ 171.1300,
-24.7141, -100.0920

■ 162.2440,
-27.7283, -113.3470

■ 180.0160,
-21.6999, -86.8370


■ 153.2440,
-31.1793, -126.5020


■ 189.0160,
-18.2489, -73.6820


■ 149.8690,
-32.4734, -131.4351


■ 197.9020,
-15.2347, -60.4271


■ 206.9020,
-11.7837, -47.2721

 215.7880, -8.7695,
-34.0171

 224.4890, -5.1711,
-21.4769

 233.3750, -2.1569,
-8.2219

 242.3750, 1.2941,
4.9331

 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



192.0400, -68.0537, -12.3131



171.1300, -24.7141, -100.0920



166.6150, 16.4588, -146.1214

Triad

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



171.1300, -24.7141, -100.0920



158.7970, 47.4281, -139.2650



175.9010, -16.2202, 69.3698

Complementary

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



171.1300, -24.7141, -100.0920



124.8700, 24.7141, 100.0920

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.



179.9830, 19.7284, 65.7899



171.1300, -24.7141, -100.0920



200.3780, 26.9286, -3.8395

Square

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



171.1300, -24.7141, -100.0920



168.7760, 42.5084, -148.0166



197.4740, 28.3603, 50.4503



186.5740, -54.0200, 60.0096

Rectangle

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



171.1300, -24.7141, -100.0920



173.2440, 39.3197, -151.9350



197.4740, 28.3603, 50.4503



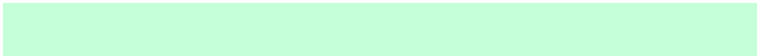
175.2290, -3.5639, 69.9592

Sweetspot

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



171.1300, -24.7141, -100.0920



233.0270, -7.9013, -32.4727



199.1160, -70.0632, -21.1497



114.5000, -5.1765, -19.7325



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.



171.1300, -24.7141, -100.0920



168.5320, -31.3213, -127.6316



181.5040, 15.0345, -109.1900



115.5000, -1.7255, -6.5775



115.4180, -24.8561, -101.2216



35.1520, -7.4699, -30.8283

Inverse Universe

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



124.8700, 24.7141, 100.0920



109.4680, 31.3213, 127.6316



114.4960, -15.0345, 109.1900



112.5000, 1.7255, 6.5775



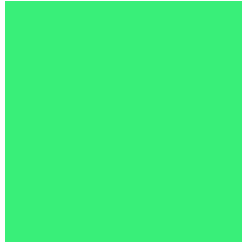
68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 171.1300, -24.7141, -100.0920 looks on a white background.

Color Contrast Check

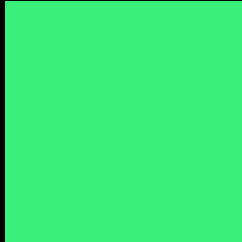
Large Text (above 18pt) WCAG AA × Fail

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 171.1300, -24.7141, -100.0920 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

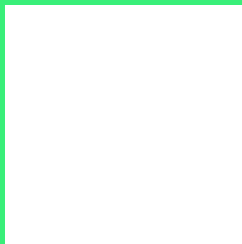
Any Text WCAG AAA ✓ Pass

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

YUV 171.1300, -24.7141, -100.0920 Background



This preview shows how black text looks on a background with the YUV color 171.1300, -24.7141, -100.0920.

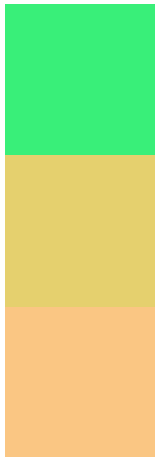


This preview shows how white text looks on a background with the YUV color 171.1300, -24.7141, -100.0920.

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

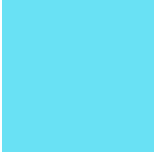
171.1300, -24.7141, -100.0920

Protanopia

203.1070, -45.9018, 22.7082

Deuteranopia

205.9100, -36.9306, 38.6669



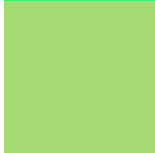
Tritanopia

191.2860, 25.9880, -75.6728

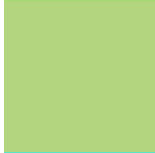
Trichromacy



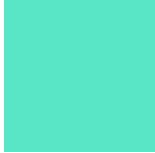
Original Color
171.1300, -24.7141, -100.0920



Protanomaly
191.1830, -38.0512, -22.0855

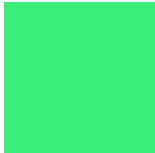


Deuteranomaly
193.3290, -32.7002, -11.6895



Tritanomaly
184.0080, 7.3911, -84.1990

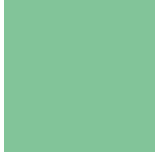
Monochromacy



Original Color
171.1300, -24.7141, -100.0920



Achromatopsia
171.0000, 0.0000, 0.0000



Achromatomaly
171.3640, -9.0535, -36.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1300, -24.7141, -100.0920 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(57, 239, 121)` looks like.

```
.text, #text, p{  
    color:rgb(57, 239, 121)  
}
```

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(57, 239, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 239, 121) }
```

Border

The CSS property to change the border of an element to YUV 171.1300, -24.7141, -100.0920 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(57, 239, 121) }
```


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

```
.border{ border-color:rgb(57, 239, 121) }
```

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

Here you see how a box with a 4 pixel rgb(57, 239, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 239, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 239, 121);  
box-shadow:4px 4px 4px 4px rgb(57, 239,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 171.1300, -24.7141, -100.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 239, 121) }
```

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

```
.background{ background-color: rgb(57, 239,  
121) }
```

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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