

Converting Colors

YUV(171.5930, -6.7013,
-90.8511)

Have a look what the booklet for
YUV(171.5930, -6.7013, -90.8511)
contains.

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Color

**YUV(171.5930, -6.7013,
-90.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	44E39E
RGB	68, 227, 158
RGB Percent	27%, 89%, 62%
CMY	0.7333, 0.1098, 0.3804
CMYK	0.70, 0.00, 0.30, 0.11
HSL	154°, 74%, 58%
HSV	154°, 70%, 89%
XYZ	36.0245, 58.6357, 41.7669
YIQ	171.5930, -72.6150, -55.1670

Conversions

Conversions Part 2

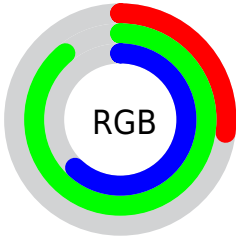
Format	Color
RYB	68, 170, 227
Decimal	4514718
CIELab	81.09, -56.65, 22.08
CIELCh	81, 60.801, 158.706
Yxy	58.6357, 0.2641, 0.4298
Android (android.graphics.Color)	4282704798 (0xFF44E39E)
YUV	171.5930, -6.7013, -90.8511
Hunter-Lab	76.5740, -50.0284, 21.2623

Details

The YUV color **171.5930, -6.7013, -90.8511** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **123.4070, 6.7013, 90.8511**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3320, -0.6567, -69.5742**, and **111.8740, -2.8959, -98.1135** is the 20% darker color. If you saturate the color by 10%, you get **163.5760, -7.6790, -103.9912**, and if you desaturate by 10%, it is **179.6100, -5.7237, -77.7110**.

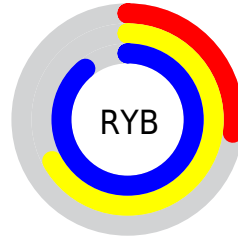
Distribution



Red (27%)

Green (89%)

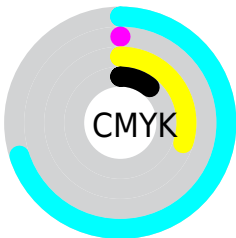
Blue (62%)



Red (27%)

Yellow (67%)

Blue (89%)

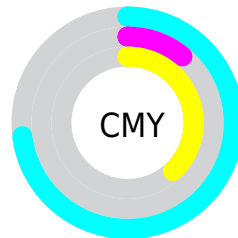


Cyan (70%)

Magenta (0%)

Yellow (30%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5930, -6.7013, -90.8511 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 171.5930, -6.7013, -90.8511 by changing the saturation by 10% instead.

■ 171.5930, -6.7013,
-90.8511

■ 171.5930, -6.7013,
-90.8511

255.0000, 0.0000,
0.0000

■ 135.7590, -1.8532,
-105.9056

■ 214.3320, -0.6567,
-69.5742

■ 111.8740, -2.8959,
-98.1135

■ 226.4940, 7.1515,
-53.9302

■ 93.2890, -5.5655,
-81.8145

■ 237.3590, 8.6970,
-36.2718

■ 74.7040, -8.2351,
-65.5154

■ 246.6280, 4.1274,
-17.2138

■ 57.5210, -10.6099,
-50.4459

■ 39.7510, -12.6952,
-34.8616

■ 25.2410, -12.4438,

-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 171.5930, -6.7013,
-90.8511

■ 171.5930, -6.7013,
-90.8511

■ 163.5760, -7.6790,
-103.9912

■ 179.6100, -5.7237,
-77.7110

■ 155.8580, -8.8040,
-116.5165

■ 187.3280, -4.5987,
-65.1857


■ 147.8410, -9.7816,
-129.6566


■ 195.3450, -3.6211,
-52.0456

■ 203.2480, -3.0803,
-38.8055

 210.9660, -1.9552,
-26.2802

 218.9830, -0.9776,
-13.1401

 227.0000, 0.0000,
0.0000

 235.0170, 0.9776,
13.1401

 237.6520, 4.6086,
15.2142

Harmonies

Analogous

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



187.3350, -38.6192, -26.6038



171.5930, -6.7013, -90.8511



159.7480, 28.2252, -140.0990

Triad

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



171.5930, -6.7013, -90.8511



186.8130, 33.6162, -48.9480



187.0880, -26.6654, 59.5588

Complementary

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



171.5930, -6.7013, -90.8511



123.4070, 6.7013, 90.8511

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.



186.7870, 0.1050, 59.8228



171.5930, -6.7013, -90.8511



202.6030, 25.8317, 21.3962

Square

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



171.5930, -6.7013, -90.8511



157.0360, 48.2963, -137.7206



197.3940, 22.9768, 50.5205



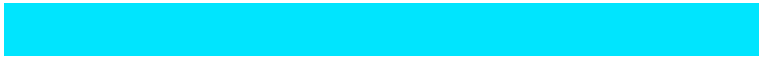
194.9690, -49.7777, 52.6472

Rectangle

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



171.5930, -6.7013, -90.8511



163.3790, 44.6762, -143.2834



197.3940, 22.9768, 50.5205



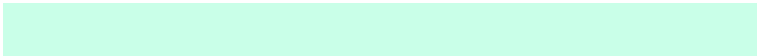
186.0910, -17.7929, 60.4332

Sweetspot

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



171.5930, -6.7013, -90.8511



236.2320, -2.0864, -30.8985



182.8610, -56.6265, -37.5891



116.8360, -1.3981, -18.2732



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.



171.5930, -6.7013, -90.8511



180.4120, -9.0771, -122.2643



174.7630, 25.7528, -93.6312



110.8420, -0.4151, -6.8774



116.5870, -7.6844, -102.2468



33.2430, -2.0918, -29.1541

Inverse Universe

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



123.4070, 6.7013, 90.8511



115.5880, 9.0771, 122.2643



120.2370, -25.7528, 93.6312



107.1580, 0.4151, 6.8774



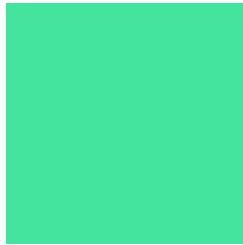
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 171.5930, -6.7013, -90.8511 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 171.5930, -6.7013, -90.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

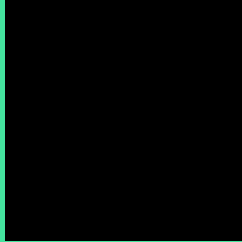
Any Text WCAG AA ✓ Pass

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 171.5930, -6.7013, -90.8511 Background



This preview shows how black text looks on a background with the YUV color 171.5930, -6.7013, -90.8511.



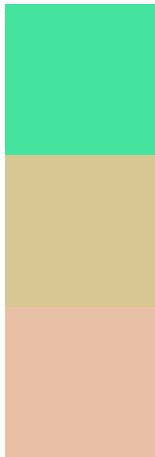
This preview shows how white text looks on a background with the YUV color 171.5930, -6.7013,

-90.8511.

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

171.5930, -6.7013, -90.8511

Protanopia

197.7420, -25.5088, 15.1353

Deuteranopia

200.6970, -17.1056, 26.5757



Tritanopia

183.7700, 25.2564, -74.3433

Trichromacy



Original Color

171.5930, -6.7013, -90.8511



Protanomaly

188.2210, -18.8430, -22.9958



Deuteranomaly

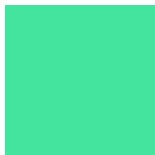
190.3450, -13.4811, -16.0886



Tritanomaly

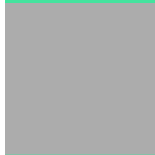
179.6370, 13.4900, -80.3656

Monochromacy



Original Color

171.5930, -6.7013, -90.8511



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8080, -2.3703, -33.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5930, -6.7013, -90.8511 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(68, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 158)  
}
```

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(68, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 158) }
```

Border

The CSS property to change the border of an element to YUV 171.5930, -6.7013, -90.8511 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(68, 227, 158) }
```


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

```
.border{ border-color:rgb(68, 227, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 227, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 171.5930, -6.7013, -90.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 158) }
```

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

```
.background{ background-color: rgb(68, 227,  
158) }
```

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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