

Converting Colors

YUV(172.9930, -73.4535,
-7.0099)

Have a look what the booklet for
YUV(172.9930, -73.4535, -7.0099)
contains.

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Color

**YUV(172.9930, -73.4535,
-7.0099)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CE18
RGB	165, 206, 24
RGB Percent	65%, 81%, 9%
CMY	0.3529, 0.1922, 0.9059
CMYK	0.20, 0.00, 0.88, 0.19
HSL	74°, 79%, 45%
HSV	74°, 88%, 81%
XYZ	37.7532, 52.2079, 8.9515
YIQ	172.9930, 33.9860, -65.2940

Conversions

Conversions Part 2

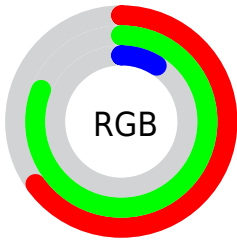
Format	Color
R _Y B	24, 206, 65
Decimal	10866200
CIE Lab	77.40, -35.06, 74.08
CIE LCh	77, 81.958, 115.330
Yxy	52.2079, 0.3817, 0.5278
Android (android.graphics.Color)	4289056280 (0xFFFA5CE18)
YUV	172.9930, -73.4535, -7.0099
Hunter-Lab	72.2550, -33.1801, 43.2332

Details

The YUV color **172.9930, -73.4535, -7.0099** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **57.0070, 73.4535, 7.0099**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1490, -66.6285, -2.7617**, and **121.5160, -59.9074, -11.8535** is the 20% darker color. If you saturate the color by 10%, you get **169.1040, -81.8893, -7.9842**, and if you desaturate by 10%, it is **176.8820, -65.0178, -6.0355**.

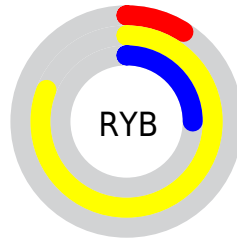
Distribution



Red (65%)

Green (81%)

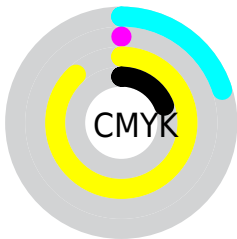
Blue (9%)



Red (9%)

Yellow (81%)

Blue (25%)

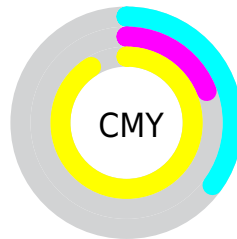


Cyan (20%)

Magenta (0%)

Yellow (88%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9930, -73.4535, -7.0099 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 172.9930, -73.4535, -7.0099 by changing the saturation by 10% instead.

■ 172.9930,
-73.4535, -7.0099

■ 172.9930,
-73.4535, -7.0099

255.0000, 0.0000,
0.0000

■ 145.1500,
-71.5589, -8.0245

■ 227.1490,
-66.6285, -2.7617

■ 121.5160,
-59.9074, -11.8535

■ 239.4250,
-58.3835, 12.7823

■ 97.8820, -48.2558,
-15.6825

■ 242.9160,
-46.3006, 10.5977

■ 73.9490, -36.4569,
-20.1263

■ 246.2220,
-33.6334, 7.6983

■ 49.9940, -24.6470,
-28.0587

■ 249.5280,
-20.9663, 4.7989

■ 31.1110, -15.3377,
-27.2843

■ 252.9480, -7.8624,

■ 19.3710, -9.5499,

1.7996

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 172.9930,
-73.4535, -7.0099

■ 172.9930,
-73.4535, -7.0099

■ 169.1040,
-81.8893, -7.9842

■ 176.8820,
-65.0178, -6.0355

■ 168.7620,
-83.1997, -7.6843

■ 180.3580,
-56.8715, -5.5760

■ 184.2470,
-48.4358, -4.6016

■ 188.0220,
-40.4368, -3.5273

■ 191.6120,
-31.8537, -3.1677

■ 195.5010,
-23.4180, -2.1934

■ 198.9770,
-15.2717, -1.7338

■ 202.8660, -6.8359,
-0.7595

■ 206.6410, 1.1630,
0.3148

Harmonies

Analogous

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



179.1700, -88.3308, 51.5939



172.9930, -73.4535, -7.0099



152.6960, -26.4721, -96.2034

Triad

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



172.9930, -73.4535, -7.0099



158.2100, 47.7175, -138.7502



166.6470, 19.4010, 77.4856

Complementary

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



172.9930, -73.4535, -7.0099



57.0070, 73.4535, 7.0099

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.



188.0820, 32.9906, 58.6871



172.9930, -73.4535, -7.0099



148.8180, 52.3477, -130.5134

Square

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



172.9930, -73.4535, -7.0099



161.6180, 45.5443, -141.7390



182.0160, 35.9811, -14.0460



162.2060, -15.3846, 81.3803

Rectangle

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



172.9930, -73.4535, -7.0099



148.5880, 0.6961, -130.3117



182.0160, 35.9811, -14.0460



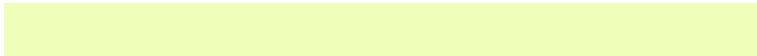
173.1330, 29.0214, 71.7974

Sweetspot

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



172.9930, -73.4535, -7.0099



242.3500, -27.7806, -2.9380



101.3110, -38.1143, 91.8123



120.3360, -16.4346, -2.0487



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.



172.9930, -73.4535, -7.0099



208.8870, -102.9813, -9.5479



146.3820, -60.3343, -61.7250



100.2620, -4.0732, -0.2298



135.7140, -66.9070, -6.7652



31.2760, -15.4191, -1.1191

Inverse Universe

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



57.0070, 73.4535, 7.0099



46.1130, 102.9813, 9.5479



83.6180, 60.3343, 61.7250



93.7380, 4.0732, 0.2298



29.9870, 67.0544, 6.1504



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 172.9930, -73.4535, -7.0099 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 172.9930, -73.4535, -7.0099 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 172.9930, -73.4535, -7.0099 Background



This preview shows how black text looks on a background with the YUV color 172.9930, -73.4535, -7.0099.



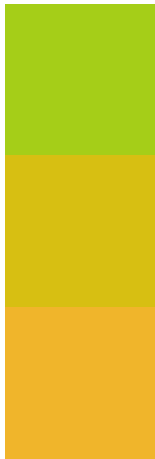
This preview shows how white text looks on a background with the YUV color 172.9930, -73.4535, -7.0099.

-7.0099.

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

172.9930, -73.4535, -7.0099

Protanopia

178.4540, -79.1038, 32.0508

Deuteranopia

182.9090, -68.9751, 50.0688



Tritanopia

190.7200, 8.0260, -7.6474

Trichromacy



Original Color

172.9930, -73.4535, -7.0099

Protanomaly

176.2350, -77.0239, 18.2109

Deuteranomaly

179.3210, -70.6573, 29.5365

Tritanomaly

184.2230, -21.8019, -7.2116

Monochromacy



Original Color

172.9930, -73.4535, -7.0099

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9910, -26.6176, -2.6231

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9930, -73.4535, -7.0099 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(165, 206, 24)` looks like.

```
.text, #text, p{  
    color:rgb(165, 206, 24)  
}
```

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(165, 206, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 206, 24) }
```

Border

The CSS property to change the border of an element to YUV 172.9930, -73.4535, -7.0099 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(165, 206, 24) }
```


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

```
.border{ border-color:rgb(165, 206, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 206, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 206, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 206, 24);  
box-shadow:4px 4px 4px 4px rgb(165, 206,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 172.9930, -73.4535, -7.0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 206, 24) }
```

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

```
.background{ background-color: rgb(165,  
206, 24) }
```

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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