

Converting Colors

YUV(141.4070, 19.5193,
-7.3729)

Have a look what the booklet for
YUV(141.4070, 19.5193, -7.3729)
contains.

YUV(141.4070, 19.5193, -7.3729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(141.4070, 19.5193,
-7.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	858AB5
RGB	133, 138, 181
RGB Percent	52%, 54%, 71%
CMY	0.4784, 0.4588, 0.2902
CMYK	0.27, 0.24, 0.00, 0.29
HSL	234°, 24%, 62%
HSV	234°, 27%, 71%
XYZ	27.1018, 26.4997, 47.4026
YIQ	141.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

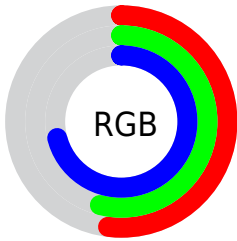
Format	Color
RYB	133, 138, 181
Decimal	8751797
CIELab	58.51, 7.94, -23.12
CIELCh	59, 24.444, 288.955
Yxy	26.4997, 0.2683, 0.2624
Android (android.graphics.Color)	4286941877 (0xFF858AB5)
YUV	141.4070, 19.5193, -7.3729
Hunter-Lab	51.4779, 3.8896, -18.5618

Details

The YUV color $141.4070, 19.5193, -7.3729$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.5930, -19.5193, 7.3729$, and the grayscale version is $141.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.0480, 20.6823, -7.0581$, and $90.7660, 18.3564, -7.6878$ is the 20% darker color. If you saturate the color by 10%, you get $126.6330, 26.8029, -10.2021$, and if you desaturate by 10%, it is $156.1810, 12.2358, -4.5437$.

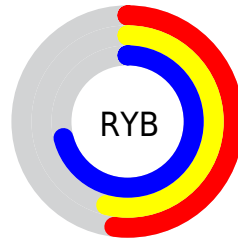
Distribution



Red (52%)

Green (54%)

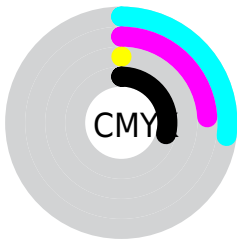
Blue (71%)



Red (52%)

Yellow (54%)

Blue (71%)

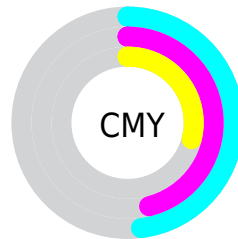


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.4070, 19.5193, -7.3729 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 141.4070, 19.5193, -7.3729 by changing the saturation by 10% instead.

■ 141.4070, 19.5193,
-7.3729

■ 141.4070, 19.5193,
-7.3729

255.0000, 0.0000,
0.0000

■ 115.8800, 18.7932,
-7.7878

■ 195.0480, 20.6823,
-7.0581

■ 90.7660, 18.3564,
-7.6878

■ 221.9080, 16.3144,
-6.0583

■ 67.2390, 17.6302,
-8.1026

■ 247.6020, 3.6472,
-3.1590

■ 44.4130, 17.0514,
-9.1322

■ 22.5760, 16.4780,
-11.9062

■ 4.4630, 14.5617,
-3.9141

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 141.4070, 19.5193,
-7.3729

■ 141.4070, 19.5193,
-7.3729

■ 126.6330, 26.8029,
-10.2021

■ 156.1810, 12.2358,
-4.5437

■ 111.8590, 34.0865,
-13.0313

■ 170.9550, 4.9522,
-1.7145

■ 96.4980, 41.6595,
-15.3457

■ 186.3160, -2.6208,
0.5999

■ 81.7240, 48.9431,
-18.1749

■ 201.0900, -9.9044,
3.4291

■ 66.9500, 56.2267,
-21.0041

■ 216.1630,
-17.3354, 6.8730

■ 51.8770, 63.6576,
-24.4481

■ 230.9370,
-24.6189, 9.7023

■ 36.5160, 71.2306,
-26.7625

■ 244.8030,
-31.4549, 8.9428

■ 31.7870, 73.5620,
-27.8772

■ 246.5640,
-32.3231, 7.3984

Harmonies

Analogous

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



136.3610, 22.5000, -30.1346



141.4070, 19.5193, -7.3729



144.0030, 12.3235, 14.0294

Triad

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



141.4070, 19.5193, -7.3729



141.9580, -16.2483, 31.6088



132.0790, -0.0389, -34.2723

Complementary

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



141.4070, 19.5193, -7.3729



172.5930, -19.5193, 7.3729

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.



135.5130, -11.5919, -15.3589



141.4070, 19.5193, -7.3729



140.4420, -20.4309, 19.7834

Square

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



141.4070, 19.5193, -7.3729



142.9830, -7.3866, 35.9719



138.3860, -18.9243, 3.1695



130.0910, 11.7871, -47.4378

Rectangle

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



141.4070, 19.5193, -7.3729



144.1740, 6.3232, 25.2804



138.3860, -18.9243, 3.1695



133.0860, -3.9864, -28.1394

Sweetspot

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



141.4070, 19.5193, -7.3729



219.3400, 7.7204, -2.9292



165.9640, 4.4547, -28.9094



107.8410, 4.5154, -1.6146



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.4070, 19.5193, -7.3729



172.6590, 30.7341, -11.1019



143.8540, 18.3130, 6.2670



81.6130, 3.6418, -1.4146



26.8340, 62.1998, -23.5334



4.7250, 10.4886, -4.1438

Inverse Universe

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



147.9220, -4.8915, 29.0094



183.2230, -7.9979, 45.4084



170.1460, -18.3130, -6.2670



82.8050, -0.8899, 5.4330



47.5710, -15.5645, 92.4612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 141.4070, 19.5193, -7.3729 looks on a white background.

Color Contrast Check

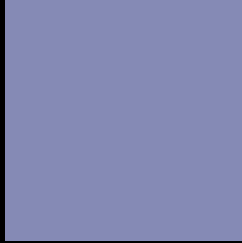
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.4070, 19.5193, -7.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

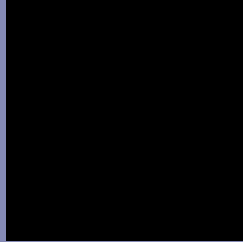
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.4070, 19.5193, -7.3729

Background



This preview shows how black text looks on a background with the YUV color 141.4070, 19.5193, -7.3729.



This preview shows how white text looks on a background with the YUV color 141.4070, 19.5193, -7.3729.

-7.3729.

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

141.4070, 19.5193, -7.3729

Protanopia

140.9120, 20.2564, -10.4468

Deuteranopia

141.4070, 19.5193, -7.3729



Tritanopia

139.7690, 7.0159, -10.3214

Trichromacy



Original Color

141.4070, 19.5193, -7.3729

Protanomaly

141.2110, 20.1090, -9.8320

Deuteranomaly

141.4070, 19.5193, -7.3729

Tritanomaly

140.3330, 11.6678, -9.0620

Monochromacy



Original Color

141.4070, 19.5193, -7.3729

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4070, 19.5193, -7.3729 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(133, 138, 181)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 181)  
}
```

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(133, 138, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 181) }
```

Border

The CSS property to change the border of an element to YUV 141.4070, 19.5193, -7.3729 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(133, 138, 181) }
```


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

```
.border{ border-color:rgb(133, 138, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 181);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 141.4070, 19.5193, -7.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 181) }
```

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

```
.background{ background-color: rgb(133,  
138, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor