

Converting Colors

YUV(203.0070, -24.6535,
-72.7971)

Have a look what the booklet for
YUV(203.0070, -24.6535, -72.7971)
contains.

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Color

**YUV(203.0070, -24.6535,
-72.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	78FF99
RGB	120, 255, 153
RGB Percent	47%, 100%, 60%
CMY	0.5294, 0.0000, 0.4000
CMYK	0.53, 0.00, 0.40, 0.00
HSL	135°, 100%, 74%
HSV	135°, 53%, 100%
XYZ	49.2555, 77.8130, 42.5604
YIQ	203.0070, -47.7180, -60.3420

Conversions

Conversions Part 2

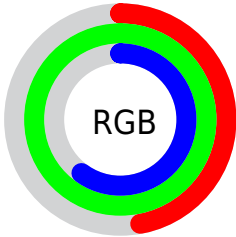
Format	Color
RYB	120, 228, 255
Decimal	7929753
CIELab	90.69, -58.28, 37.72
CIElCh	91, 69.420, 147.084
Yxy	77.8130, 0.2904, 0.4587
Android (android.graphics.Color)	4286119833 (0xFF78FF99)
YUV	203.0070, -24.6535, -72.7971
Hunter-Lab	88.2117, -54.6998, 33.1419

Details

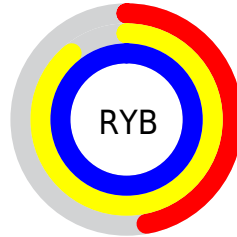
The YUV color **203.0070, -24.6535, -72.7971** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **171.9930, 24.6535, 72.7971**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2170, -9.4740, -41.4093**, and **143.2990, -20.8534, -78.3152** is the 20% darker color. If you saturate the color by 10%, you get **193.3660, -29.2674, -86.2670**, and if you desaturate by 10%, it is **212.9470, -20.1869, -58.7125**.

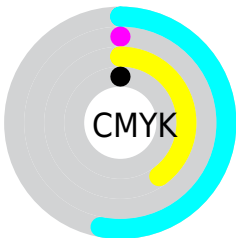
Distribution



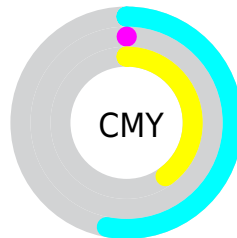
- Red (47%)
- Green (100%)
- Blue (60%)



- Red (47%)
- Yellow (89%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0070, -24.6535, -72.7971 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 203.0070, -24.6535, -72.7971 by changing the saturation by 10% instead.

203.0070,
-24.6535, -72.7971

203.0070,
-24.6535, -72.7971

255.0000, 0.0000,
0.0000

173.6370,
-23.4850, -74.2266

227.2170, -9.4740,
-41.4093

143.2990,
-20.8534, -78.3152

239.4930, -1.2290,
-25.8654

107.7530,
-16.1472, -94.4994

250.8140, 2.0637,
-8.6069

89.1680, -18.8168,
-78.2003

70.4690, -21.9232,
-61.8013

52.8300, -26.0452,
-46.3319

38.1550, -18.8104,

-33.4619

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 203.0070,
-24.6535, -72.7971

■ 203.0070,
-24.6535, -72.7971

■ 193.3660,
-29.2674, -86.2670

■ 212.9470,
-20.1869, -58.7125

■ 183.3120,
-34.1708, -100.2516

■ 222.7020,
-15.1361, -45.3427

■ 173.6710,
-38.7848, -113.7215

■ 232.3430,
-10.5221, -31.8728

■ 163.7310,
-43.2514, -127.8061

■ 242.2830, -6.0555,
-17.7882

■ 156.7530,
-46.7132, -137.4724

■ 252.2230, -1.5889,
-3.7036

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



215.3900, -55.4083, -8.2350



203.0070, -24.6535, -72.7971



174.6510, 21.8641, -153.1689

Triad

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



203.0070, -24.6535, -72.7971



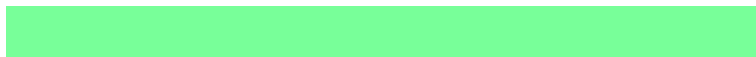
186.4170, 33.8114, -111.7447



199.1650, -13.3923, 48.9673

Complementary

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



203.0070, -24.6535, -72.7971



171.9930, 24.6535, 72.7971

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.



203.7540, 16.8833, 44.9427



203.0070, -24.6535, -72.7971



220.1800, 17.1663, 0.7191

Square

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



203.0070, -24.6535, -72.7971



177.5810, 38.1676, -155.7385



215.0840, 19.6786, 35.0063



205.8090, -43.7828, 43.1405

Rectangle

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



203.0070, -24.6535, -72.7971



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063



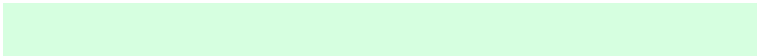
199.2110, -3.0620, 48.9270

Sweetspot

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



203.0070, -24.6535, -72.7971



239.2070, -7.4971, -22.1065



230.3410, -54.3981, -5.5611



118.3590, -4.6140, -13.4698



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.



203.0070, -24.6535, -72.7971



192.2410, -29.6988, -87.9114



210.5310, 4.1752, -79.3957



122.9730, -2.4517, -6.9923



117.4750, -34.7442, -103.0256



39.3920, -11.5323, -34.5468

Inverse Universe

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



171.9930, 24.6535, 72.7971



154.7590, 29.6988, 87.9114



164.4690, -4.1752, 79.3957



119.9130, 2.0149, 7.0923



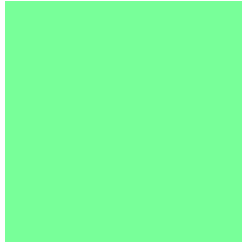
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 203.0070, -24.6535, -72.7971 looks on a white background.

Color Contrast Check

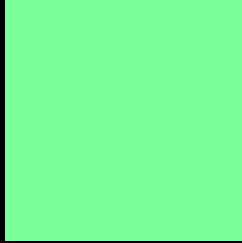
Large Text (above 18pt) WCAG AA × Fail

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 203.0070, -24.6535, -72.7971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

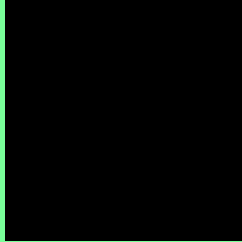
Any Text WCAG AA ✓ Pass

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 203.0070, -24.6535, -72.7971 Background



This preview shows how black text looks on a background with the YUV color 203.0070, -24.6535, -72.7971.



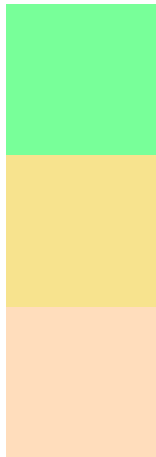
This preview shows how white text looks on a background with the YUV color 203.0070, -24.6535, -72.7971.

-72.7971.

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

203.0070, -24.6535, -72.7971

Protanopia

223.2900, -40.0760, 20.7937

Deuteranopia

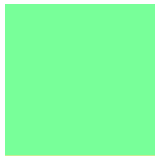
227.4040, -19.4262, 24.2017



Tritanopia

219.2960, 17.6021, -45.8636

Trichromacy



Original Color

203.0070, -24.6535, -72.7971



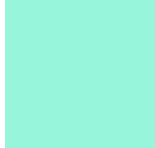
Protanomaly

215.8620, -34.4420, -13.0340



Deuteranomaly

218.3150, -21.3543, -10.8003



Tritanomaly

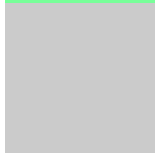
213.5170, 2.2101, -55.7044

Monochromacy



Original Color

203.0070, -24.6535, -72.7971



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1310, -8.9386, -26.4249

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0070, -24.6535, -72.7971 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(120, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 153)  
}
```

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(120, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 153) }
```

Border

The CSS property to change the border of an element to YUV 203.0070, -24.6535, -72.7971 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(120, 255, 153) }
```


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

```
.border{ border-color:rgb(120, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 203.0070, -24.6535, -72.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 153) }
```

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

```
.background{ background-color: rgb(120,  
255, 153) }
```

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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