

Converting Colors

YUV(151.2720, -53.8711,
-128.2805)

Have a look what the booklet for
YUV(151.2720, -53.8711, -128.2805)
contains.

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Color

**YUV(151.2720, -53.8711,
-128.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	05F72A
RGB	5, 247, 42
RGB Percent	2%, 97%, 16%
CMY	0.9804, 0.0314, 0.8353
CMYK	0.98, 0.00, 0.83, 0.03
HSL	129°, 96%, 49%
HSV	129°, 98%, 97%
XYZ	33.7413, 66.7210, 13.2906
YIQ	151.2720, -78.4270, -115.0590

Conversions

Conversions Part 2

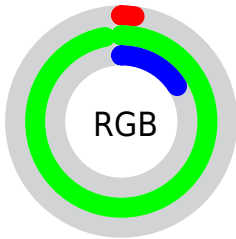
Format	Color
RYB	5, 215, 247
Decimal	390954
CIELab	85.36, -82.88, 75.55
CIELCh	85, 112.145, 137.646
Yxy	66.7210, 0.2966, 0.5865
Android (android.graphics.Color)	4278581034 (0xFF05F72A)
YUV	151.2720, -53.8711, -128.2805
Hunter-Lab	81.6829, -69.2110, 47.5310

Details

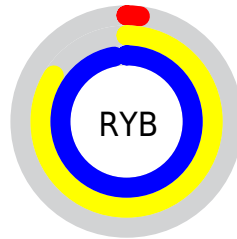
The YUV color **151.2720, -53.8711, -128.2805** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **100.7280, 53.8711, 128.2805**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1650, -44.4513, -69.4277**, and **110.9430, -54.6949, -97.2970** is the 20% darker color. If you saturate the color by 10%, you get **149.3210, -54.8813, -130.9545**, and if you desaturate by 10%, it is **161.1410, -48.3835, -115.0107**.

Distribution



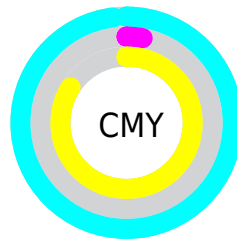
- Red (2%)
- Green (97%)
- Blue (16%)



- Red (2%)
- Yellow (84%)
- Blue (97%)



- Cyan (98%)
- Magenta (0%)
- Yellow (83%)
- Black (3%)



- Cyan (98%)
- Magenta (3%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2720, -53.8711, -128.2805 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 151.2720, -53.8711, -128.2805 by changing the saturation by 10% instead.

■ 151.2720,
-53.8711, -128.2805

■ 151.2720,
-53.8711, -128.2805

255.0000, 0.0000,
0.0000

■ 127.9660,
-63.0872, -112.2262

■ 197.1650,
-44.4513, -69.4277

■ 110.9430,
-54.6949, -97.2970

■ 210.9360,
-36.9434, -50.8099

■ 93.9200, -46.3026,
-82.3678

■ 224.1090,
-29.1407, -33.4216

■ 78.0710, -38.4890,
-68.4683

■ 237.2820,
-21.3380, -16.0333

■ 62.2220, -30.6754,
-54.5687

■ 250.2700,
-12.9511, 0.6402

■ 46.3730, -22.8619,
-40.6691

254.8860, -0.4368,

■ 31.6980, -15.6271,

0.1000

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 151.2720,
-53.8711, -128.2805

■ 151.2720,
-53.8711, -128.2805

■ 149.3210,
-54.8813, -130.9545

■ 161.1410,
-48.3835, -115.0107

■ 170.7110,
-42.7485, -102.3555

■ 180.5800,
-37.2609, -89.0857

■ 190.4490,
-31.7734, -75.8158

■ 200.3180,
-26.2858, -62.5459

■ 209.8880,
-20.6508, -49.8908

■ 219.6430,
-15.6000, -36.5209

■ 229.5120,
-10.1124, -23.2510

■ 239.0820, -4.4774,
-10.5959

Harmonies

Analogous

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



192.4510, -94.8783, 4.8665



151.2720, -53.8711, -128.2805



168.3810, -2.1598, -147.6701

Triad

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



151.2720, -53.8711, -128.2805



169.3630, 42.2190, -148.5314



141.5760, 7.1110, 99.4728

Complementary

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



151.2720, -53.8711, -128.2805



100.7280, 53.8711, 128.2805

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.



155.7970, 48.9071, 87.0010



151.2720, -53.8711, -128.2805



164.3550, 44.6880, -100.2893

Square

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



151.2720, -53.8711, -128.2805



178.7550, 37.5888, -156.7681



193.3650, 30.3861, 54.0539



164.8260, -56.1162, 79.0826

Rectangle

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



151.2720, -53.8711, -128.2805



176.9310, 30.6000, -155.1685



193.3650, 30.3861, 54.0539



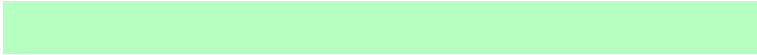
139.1090, 25.5823, 101.6364

Sweetspot

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



151.2720, -53.8711, -128.2805



225.6920, -16.6102, -39.1949



208.6480, -100.3985, 2.0627



110.2130, -9.9650, -23.8658



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.



151.2720, -53.8711, -128.2805



154.1310, -56.7596, -135.1729



164.9520, -1.4553, -140.2779



117.2720, -2.5991, -6.3775



112.3740, -41.5964, -98.5520



35.6590, -13.1429, -31.2729

Inverse Universe

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



100.7280, 53.8711, 128.2805



100.8690, 56.7596, 135.1729



87.0480, 1.4553, 140.2779



114.8420, 3.0359, 6.2776



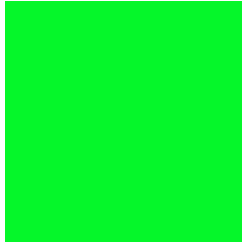
73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 151.2720, -53.8711, -128.2805 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 151.2720, -53.8711, -128.2805 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

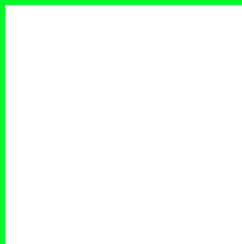
Any Text WCAG AAA ✓ Pass

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

YUV 151.2720, -53.8711, -128.2805 Background



This preview shows how black text looks on a background with the YUV color 151.2720, -53.8711, -128.2805.

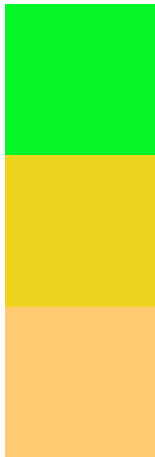


This preview shows how white text looks on a background with the YUV color 151.2720, -53.8711, -128.2805.

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

151.2720, -53.8711, -128.2805

Protanopia

199.2540, -82.4562, 33.9802

Deuteranopia

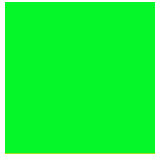
208.4020, -46.5402, 40.8664



Tritanopia

194.1930, 27.0199, -79.9763

Trichromacy



Original Color

151.2720, -53.8711, -128.2805



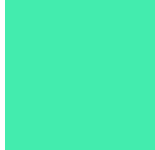
Protanomaly

181.9260, -71.9415, -25.3681



Deuteranomaly

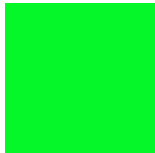
187.6210, -49.1132, -20.7156



Tritanomaly

178.4010, -2.1697, -97.6987

Monochromacy



Original Color

151.2720, -53.8711, -128.2805



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1380, -19.7880, -46.6020

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2720, -53.8711, -128.2805 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(5, 247, 42)` looks like.

```
.text, #text, p{  
    color:rgb(5, 247, 42)  
}
```

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(5, 247, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 247, 42) }
```

Border

The CSS property to change the border of an element to YUV 151.2720, -53.8711, -128.2805 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(5, 247, 42) }
```


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

```
.border{ border-color:rgb(5, 247, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 247, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 247, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 247, 42);  
box-shadow:4px 4px 4px 4px rgb(5, 247, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 151.2720, -53.8711, -128.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 247, 42) }
```

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

```
.background{ background-color: rgb(5, 247,  
42) }
```

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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