

Converting Colors

YUV(72.9570, 89.2542,
-21.0103)

Have a look what the booklet for
YUV(72.9570, 89.2542, -21.0103)
contains.

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Color

**YUV(72.9570, 89.2542,
-21.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	3132FE
RGB	49, 50, 254
RGB Percent	19%, 20%, 100%
CMY	0.8078, 0.8039, 0.0039
CMYK	0.81, 0.80, 0.00, 0.00
HSL	240°, 99%, 59%
HSV	240°, 81%, 100%
XYZ	20.2966, 10.0899, 94.6437
YIQ	72.9570, -66.0800, 63.2320

Conversions

Conversions Part 2

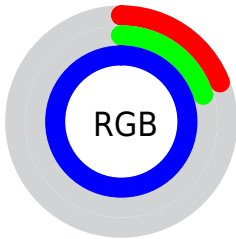
Format	Color
R_{YB}	49, 50, 254
Decimal	3224318
CIE _{Lab}	38.00, 66.09, -97.76
CIE _{LCh}	38, 118.003, 304.058
Yxy	10.0899, 0.1623, 0.0807
Android (android.graphics.Color)	4281414398 (0xFF3132FE)
YUV	72.9570, 89.2542, -21.0103
Hunter-Lab	31.7646, 58.4678, -154.4211

Details

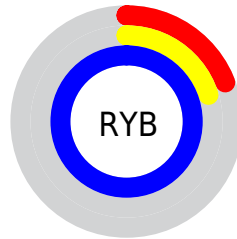
The YUV color **72.9570, 89.2542, -21.0103** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **230.0430, -89.2542, 21.0103**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8250, 62.6973, 3.6615**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **50.8070, 100.1741, -23.5097**, and if you desaturate by 10%, it is **95.1070, 78.3342, -18.5108**.

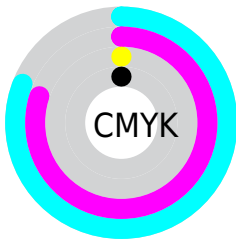
Distribution



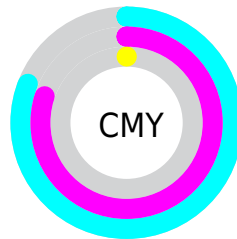
- Red (19%)
- Green (20%)
- Blue (100%)



- Red (19%)
- Yellow (20%)
- Blue (100%)



- Cyan (81%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9570, 89.2542, -21.0103 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 72.9570, 89.2542, -21.0103 by changing the saturation by 10% instead.

■ 72.9570, 89.2542,
-21.0103

■ 72.9570, 89.2542,
-21.0103

255.0000, 0.0000,
0.0000

■ 39.0370, 91.1868,
-34.2354

■ 127.8250, 62.6973,
3.6615

■ 22.3440, 85.6124,
-19.5957

■ 153.8400, 49.8719,
10.6643

■ 19.0380, 72.9453,
-16.6963

■ 179.5560, 37.1939,
17.0524

■ 15.9600, 61.1517,
-13.9969

■ 204.9730, 24.6633,
22.8257

■ 18.7520, 46.4643,
-16.4455

■ 229.1720, 12.7332,
22.6512

■ 16.9620, 34.5287,
-14.8757

■ 245.6080, 4.6303,

■ 10.7040, 25.7819,

8.2368

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 72.9570, 89.2542,
-21.0103

■ 72.9570, 89.2542,
-21.0103

■ 50.8070, 100.1741,
-23.5097

■ 95.1070, 78.3342,
-18.5108

■ 29.5430, 110.6573,
-25.9092

■ 118.1430, 66.9775,
-15.9114

■ 140.2930, 56.0576,
-13.4120

■ 162.7420, 44.9902,
-10.2977

■ 184.8920, 34.0702,
-7.7983

■ 207.6290, 22.8609,
-5.8136

■ 230.0780, 11.7935,
-2.6994

■ 252.2280, 0.8736,
-0.2000

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



72.9570, 89.2542, -21.0103



80.7610, 46.9528, 107.2036

Triad

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



72.9570, 89.2542, -21.0103



73.7340, -36.3509, 86.1793



81.3670, 9.6791, -71.3589

Complementary

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



72.9570, 89.2542, -21.0103



230.0430, -89.2542, 21.0103

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.



68.0920, -33.5694, -59.7167



72.9570, 89.2542, -21.0103



83.3060, -41.0699, 12.8866

Square

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



72.9570, 89.2542, -21.0103



66.6770, -32.8718, 137.0953



64.5700, -31.8330, -56.6279



94.0720, 50.7435, -82.5011

Rectangle

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



72.9570, 89.2542, -21.0103



82.8480, 14.8649, 132.5603



64.5700, -31.8330, -56.6279



76.9040, -4.8827, -67.4448

Sweetspot

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



72.9570, 89.2542, -21.0103



200.9540, 26.6447, -6.0987



192.3630, 28.9080, -125.7294



95.2180, 16.1615, -3.6992



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.



72.9570, 89.2542, -21.0103



36.7450, 107.5997, -25.2094



101.9710, 74.9503, 40.3674



116.4820, 5.6784, -1.2997



22.3610, 83.1390, -19.6106



7.2960, 27.9551, -6.3986

Inverse Universe

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



110.4090, -29.7816, 125.9293



81.9670, -35.9727, 151.7499



201.0290, -74.9503, -40.3674



118.8870, -1.9163, 7.9921



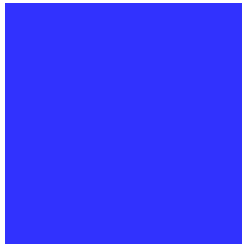
57.2230, -27.7179, 117.3224



19.1360, -9.4340, 39.3457

Previews

White Background



This preview shows how the YUV color 72.9570, 89.2542, -21.0103 looks on a white background.

Color Contrast Check

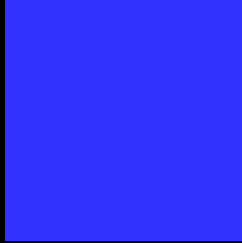
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 72.9570, 89.2542, -21.0103 looks on a black 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

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

YUV 72.9570, 89.2542, -21.0103

Background



This preview shows how black text looks on a background with the YUV color 72.9570, 89.2542, -21.0103.



This preview shows how white text looks on a background with the YUV color 72.9570, 89.2542, -21.0103.

-21.0103.

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

72.9570, 89.2542, -21.0103

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.7450, 40.0587, -62.0434



Tritanopia

69.2680, 16.6299, -60.7480

Trichromacy



Original Color

72.9570, 89.2542, -21.0103

Protanomaly

71.1300, 66.4909, -46.5950

Deuteranomaly

71.5400, 57.9078, -46.9546

Tritanomaly

70.9410, 42.9201, -46.4293

Monochromacy



Original Color

72.9570, 89.2542, -21.0103

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1370, 32.4705, -8.0131

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9570, 89.2542, -21.0103 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(49, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(49, 50, 254)  
}
```

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(49, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 50, 254) }
```

Border

The CSS property to change the border of an element to YUV 72.9570, 89.2542, -21.0103 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(49, 50, 254) }
```


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

```
.border{ border-color:rgb(49, 50, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 50, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(49, 50,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 72.9570, 89.2542, -21.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 50, 254) }
```

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

```
.background{ background-color: rgb(49, 50,  
254) }
```

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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