

Converting Colors

YUV(91.9850, 70.0134, -9.6338)

Have a look what the booklet for
YUV(91.9850, 70.0134, -9.6338)
contains.

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Color

**YUV(91.9850, 70.0134,
-9.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	5146EA
RGB	81, 70, 234
RGB Percent	32%, 27%, 92%
CMY	0.6824, 0.7255, 0.0824
CMYK	0.65, 0.70, 0.00, 0.08
HSL	244°, 80%, 60%
HSV	244°, 70%, 92%
XYZ	20.4348, 12.0702, 79.0946
YIQ	91.9850, -46.0880, 53.3360

Conversions

Conversions Part 2

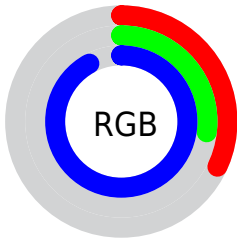
Format	Color
R_{YB}	81, 70, 234
Decimal	5326570
CIE Lab	41.33, 52.43, -80.95
CIE LCh	41, 96.445, 302.933
Yxy	12.0702, 0.1831, 0.1082
Android (android.graphics.Color)	4283516650 (0xFF5146EA)
YUV	91.9850, 70.0134, -9.6338
Hunter-Lab	34.7421, 44.1922, -110.6613

Details

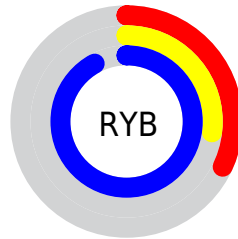
The YUV color **91.9850, 70.0134, -9.6338** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **212.0150, -70.0134, 9.6338**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4630, 54.9877, 3.1019**, and **33.6790, 70.6573, -29.5365** is the 20% darker color. If you saturate the color by 10%, you get **71.9060, 79.9123, -11.3186**, and if you desaturate by 10%, it is **112.0640, 60.1144, -7.9491**.

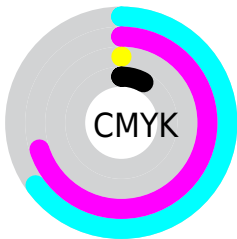
Distribution



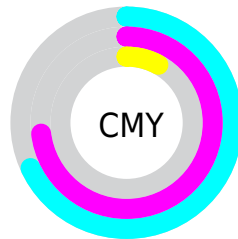
- Red (32%)
- Green (27%)
- Blue (92%)



- Red (32%)
- Yellow (27%)
- Blue (92%)



- Cyan (65%)
- Magenta (70%)
- Yellow (0%)
- Black (8%)



- Cyan (68%)
- Magenta (73%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9850, 70.0134, -9.6338 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 91.9850, 70.0134, -9.6338 by changing the saturation by 10% instead.

■ 91.9850, 70.0134,
-9.6338

■ 91.9850, 70.0134,
-9.6338

255.0000, 0.0000,
0.0000

■ 61.7340, 70.6301,
-20.8147

■ 143.4630, 54.9877,
3.1019

■ 33.6790, 70.6573,
-29.5365

■ 167.9940, 42.8940,
8.7753

■ 16.9860, 65.0829,
-14.8967

■ 193.1120, 30.5108,
13.9338

■ 14.0220, 53.7262,
-12.2973

■ 218.8170, 17.8382,
18.5775

■ 13.2920, 40.7750,
-11.6571

■ 240.3250, 7.2348,
12.8700

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 91.9850, 70.0134,
-9.6338

■ 91.9850, 70.0134,
-9.6338

■ 71.9060, 79.9123,
-11.3186

■ 112.0640, 60.1144,
-7.9491

■ 51.2400, 90.1007,
-12.4885

■ 132.7300, 49.9261,
-6.7792

■ 31.4600, 99.8522,
-13.5584

■ 152.5100, 40.1746,
-5.7093

■ 173.1760, 29.9862,
-4.5394

■ 193.2550, 20.0873,
-2.8546

■ 213.3340, 10.1883,
-1.1699

■ 234.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



91.9850, 70.0134, -9.6338



76.9020, 46.3903, 100.9409

Triad

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



91.9850, 70.0134, -9.6338



87.2460, -43.0123, 76.0833



85.8180, 8.9637, -75.2624

Complementary

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



91.9850, 70.0134, -9.6338



212.0150, -70.0134, 9.6338

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.



72.5430, -34.2847, -63.6202



91.9850, 70.0134, -9.6338



91.3130, -45.0173, 19.0195

Square

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



91.9850, 70.0134, -9.6338



65.9950, -25.1405, 130.6774



67.5050, -33.2800, -59.2019



95.4110, 43.1814, -83.6754

Rectangle

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



91.9850, 70.0134, -9.6338



79.4600, 19.9862, 123.2536



67.5050, -33.2800, -59.2019



82.0390, -2.9772, -71.9482

Sweetspot

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



91.9850, 70.0134, -9.6338



208.3520, 22.9975, -2.9397



178.5070, 27.3580, -95.1606



100.2460, 13.6827, -1.9697



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.



91.9850, 70.0134, -9.6338



69.5820, 91.4111, -12.7884



116.5030, 57.9260, 40.7779



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.3520, 22.9975, -2.9397

Inverse Universe

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



136.4780, 42.6553, 85.5268



127.7860, 55.8145, 111.5667



187.4970, -57.9260, -40.7779



110.5430, 3.1833, 5.6628



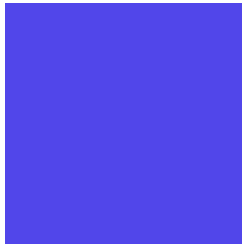
73.3850, 47.1382, 94.3784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 91.9850, 70.0134, -9.6338 looks on a white background.

Color Contrast Check

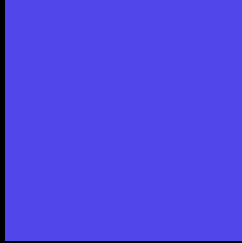
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.9850, 70.0134, -9.6338 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 91.9850, 70.0134, -9.6338

Background



This preview shows how black text looks on a background with the YUV color 91.9850, 70.0134, -9.6338.



This preview shows how white text looks on a background with the YUV color 91.9850, 70.0134,

-9.6338.

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

91.9850, 70.0134, -9.6338

Protanopia

77.0490, 59.1358, -67.5720

Deuteranopia

77.9660, 44.8798, -68.3762



Tritanopia

75.9190, 19.2669, -66.5810

Trichromacy



Original Color

91.9850, 70.0134, -9.6338

Protanomaly

82.5060, 62.8545, -46.9248

Deuteranomaly

82.9160, 54.2714, -47.2843

Tritanomaly

81.8610, 37.5365, -46.3591

Monochromacy



Original Color

91.9850, 70.0134, -9.6338

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0360, 25.6183, -3.5396

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9850, 70.0134, -9.6338 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(81, 70, 234)` looks like.

```
.text, #text, p{  
    color:rgb(81, 70, 234)  
}
```

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(81, 70, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 70, 234) }
```

Border

The CSS property to change the border of an element to YUV 91.9850, 70.0134, -9.6338 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(81, 70, 234) }
```


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

```
.border{ border-color:rgb(81, 70, 234) }
```

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

Here you see how a box with a 4 pixel rgb(81, 70, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 70, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 70, 234);  
box-shadow:4px 4px 4px 4px rgb(81, 70,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 91.9850, 70.0134, -9.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 70, 234) }
```

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

```
.background{ background-color: rgb(81, 70,  
234) }
```

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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