

Converting Colors

YUV(71.8270, 90.3043, 62.4187)

Have a look what the booklet for
YUV(71.8270, 90.3043, 62.4187)
contains.

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Color

**YUV(71.8270, 90.3043,
62.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	8F00FF
RGB	143, 0, 255
RGB Percent	56%, 0%, 100%
CMY	0.4392, 1.0000, 0.0000
CMYK	0.44, 1.00, 0.00, 0.00
HSL	274°, 100%, 50%
HSV	274°, 100%, 100%
XYZ	29.3777, 13.0596, 95.5801
YIQ	71.8270, 3.3730, 109.6210

Conversions

Conversions Part 2

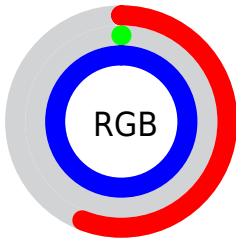
Format	Color
RYB	143, 0, 255
Decimal	9371903
CIELab	42.85, 84.39, -90.03
CIElCh	43, 123.394, 313.147
Yxy	13.0596, 0.2129, 0.0946
Android (android.graphics.Color)	4287561983 (0xFF8F00FF)
YUV	71.8270, 90.3043, 62.4187
Hunter-Lab	36.1381, 81.8659, -131.5168

Details

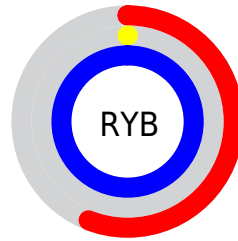
The YUV color **71.8270, 90.3043, 62.4187** is a dark color, and the websafe version is hex **9900FF**, and the color name is **electric violet**. The color can be described as dark saturated purple. A complement of this color would be **183.1730, -90.3043, -62.4187**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5590, 56.4194, 57.3918**, and **45.1820, 74.8463, 27.0274** is the 20% darker color. If you saturate the color by 10%, you get **71.8270, 90.3043, 62.4187**, and if you desaturate by 10%, it is **89.7910, 81.4480, 56.3113**.

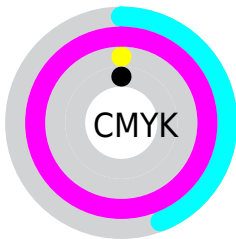
Distribution



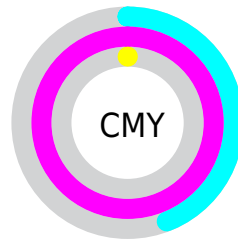
- Red (56%)
- Green (0%)
- Blue (100%)



- Red (56%)
- Yellow (0%)
- Blue (100%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8270, 90.3043, 62.4187 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 71.8270, 90.3043, 62.4187 by changing the saturation by 10% instead.

71.8270, 90.3043,
62.4187

71.8270, 90.3043,
62.4187

255.0000, 0.0000,
0.0000

58.9530, 82.3542,
45.6452

140.5590, 56.4194,
57.3918

45.1820, 74.8463,
27.0274

167.4380, 43.1681,
61.0059

29.0190, 68.5176,
3.4913

189.8430, 32.1224,
57.1427

16.0740, 61.5885,
-14.0969

207.4530, 23.4407,
41.6987

12.9960, 49.7950,
-11.3975

224.4760, 15.0483,
26.7695

12.9670, 36.9913,
-11.3721

242.0860, 6.3666,

11.4050, 25.9293,

11.3256

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 71.8270, 90.3043,
62.4187

■ 89.7910, 81.4480,
56.3113

■ 108.3420, 72.3024,
49.6891

■ 127.1920, 63.0093,
43.6816

■ 145.1560, 54.1531,
37.5742

■ 163.7070, 45.0074,
30.9520

■ 181.6710, 36.1512,
24.8445

■ 200.2220, 27.0056,
18.2223

■ 218.4850, 18.0019,
12.7297

■ 237.0360, 8.8563,
6.1074

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



71.8270, 90.3043, 62.4187



90.9400, 35.5256, 132.4796

Triad

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



71.8270, 90.3043, 62.4187



93.3820, -46.0373, 66.3170



95.3020, 24.9941, -83.5799

Complementary

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



71.8270, 90.3043, 62.4187



183.1730, -90.3043, -62.4187

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.



80.6590, -23.4959, -70.7379



71.8270, 90.3043, 62.4187



89.3760, -44.0624, -7.3458

Square

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



71.8270, 90.3043, 62.4187



69.0690, -34.0510, 142.0135



73.9620, -36.4633, -64.8647



108.1210, 66.4953, -94.8221

Rectangle

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



71.8270, 90.3043, 62.4187



87.1890, 4.3438, 147.1702



73.9620, -36.4633, -64.8647



90.6110, 9.5588, -79.4658

Sweetspot

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



71.8270, 90.3043, 62.4187



200.2220, 27.0056, 18.2223



96.5750, 78.1035, -84.6963



94.7190, 16.4075, 10.7704



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.



71.8270, 90.3043, 62.4187



103.8330, 68.1163, 132.5735



118.5750, 4.6465, 3.0037



53.7670, 67.6559, 46.6853



18.0600, 22.6484, 15.7334

Inverse Universe

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



89.0130, 11.3326, 145.5706



151.1670, -68.1163, -132.5735



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 71.8270, 90.3043, 62.4187 looks on a white background.

Color Contrast Check

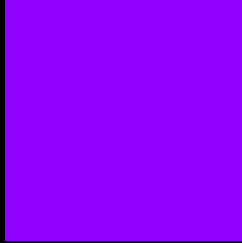
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.8270, 90.3043, 62.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

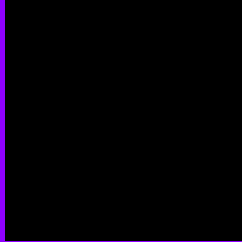
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8270, 90.3043, 62.4187

Background



This preview shows how black text looks on a background with the YUV color 71.8270, 90.3043, 62.4187.



This preview shows how white text looks on a background with the YUV color 71.8270, 90.3043,

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



Protanopia

81.8250, 62.2043, -71.7605

Deuteranopia

81.9270, 47.3640, -71.8500

Tritanopia

102.9020, 2.0203, 5.3479

Trichromacy



Protanomaly

78.1790, 72.3828, -22.9590

Deuteranomaly

78.3610, 62.9260, -23.1186

Tritanomaly

91.5140, 34.2566, 25.8592

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1500, 32.9570, 22.6704

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8270, 90.3043, 62.4187 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(143, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 255)  
}
```

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(143, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 255) }
```

Border

The CSS property to change the border of an element to YUV 71.8270, 90.3043, 62.4187 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(143, 0, 255) }
```

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

```
.border{ border-color:rgb(143, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 71.8270, 90.3043, 62.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 255) }
```

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

```
.background{ background-color: rgb(143, 0,  
255) }
```

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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