

Converting Colors

YUV(101.8080, 75.5237,
43.1414)

Have a look what the booklet for
YUV(101.8080, 75.5237, 43.1414)
contains.

| | |
|--|----|
| YUV(101.8080, 75.5237, 43.1414) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(101.8080, 75.5237,
43.1414)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 972FFF |
| RGB | 151, 47, 255 |
| RGB Percent | 59%, 18%, 100% |
| CMY | 0.4078, 0.8157, 0.0000 |
| CMYK | 0.41, 0.82, 0.00, 0.00 |
| HSL | 270°, 100%, 59% |
| HSV | 270°, 82%, 100% |
| XYZ | 31.8290, 15.8323, 95.9861 |
| YIQ | 101.8080, -4.7840, 86.7360 |

Conversions

Conversions Part 2

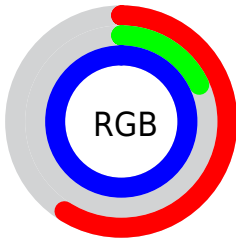
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 151, 47, 255 |
| Decimal | 9908223 |
| CIE _{Lab} | 46.75, 76.72, -83.57 |
| CIE _{LCh} | 47, 113.451, 312.553 |
| Yxy | 15.8323, 0.2216, 0.1102 |
| Android (android.graphics.Color) | 4288098303 (0xFF972FFF) |
| YUV | 101.8080, 75.5237, 43.1414 |
| Hunter-Lab | 39.7899, 73.1548, -115.1739 |

Details

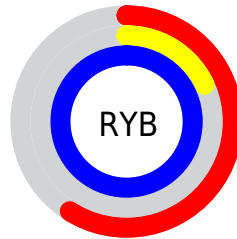
The YUV color **101.8080, 75.5237, 43.1414** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **200.1920, -75.5237, -43.1414**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5660, 49.0210, 50.3696**, and **48.7700, 73.0774, 34.4047** is the 20% darker color. If you saturate the color by 10%, you get **83.2460, 84.6747, 48.0193**, and if you desaturate by 10%, it is **120.9570, 66.0832, 37.7487**.

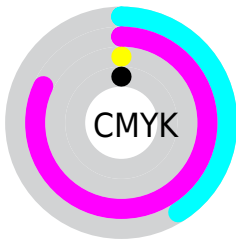
Distribution



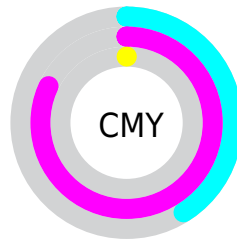
- Red (59%)
- Green (18%)
- Blue (100%)



- Red (59%)
- Yellow (18%)
- Blue (100%)



- Cyan (41%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)




- Cyan (41%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.8080, 75.5237, 43.1414 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 101.8080, 75.5237, 43.1414 by changing the saturation by 10% instead.


 101.8080, 75.5237,
43.1414


 101.8080, 75.5237,
43.1414


255.0000, 0.0000,
0.0000


 61.6440, 81.0275,
51.1782


 155.5660, 49.0210,
50.3696


 48.7700, 73.0774,
34.4047


 181.2710, 36.3484,
55.0133


 34.8140, 66.1537,
15.0721


 201.5830, 26.3346,
46.8467

 16.0740, 61.5885,
-14.0969

 218.6060, 17.9422,
31.9175

 13.1100, 50.2318,
-11.4975

 235.6290, 9.5499,
16.9884

 10.1460, 38.8750,
-8.8980

 253.2390, 0.8682,

 11.4050, 25.9293,

1.5444

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 101.8080, 75.5237,
43.1414

■ 101.8080, 75.5237,
43.1414

■ 83.2460, 84.6747,
48.0193

■ 120.9570, 66.0832,
37.7487

■ 67.3420, 92.5154,
53.1971

■ 139.5190, 56.9321,
32.8708

■ 158.3690, 47.6391,
26.8634

■ 176.9310, 38.4880,
21.9855

196.0800, 29.0476,
16.5928

214.6420, 19.8965,
11.7150

233.4920, 10.6034,
5.7075

252.0540, 1.4524,
0.8296

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.



95.9880, 78.3929, -84.1815



101.8080, 75.5237, 43.1414



92.0370, 38.4358, 132.3946

Triad

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



101.8080, 75.5237, 43.1414



102.8290, -50.6947, 66.8020



101.6280, 23.8474, -89.1278

Complementary

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



101.8080, 75.5237, 43.1414



200.1920, -75.5237, -43.1414

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.



88.1250, -20.2746, -77.2856



101.8080, 75.5237, 43.1414



99.7420, -49.1728, -1.5277

Square

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



101.8080, 75.5237, 43.1414



70.8630, -34.9355, 145.7021



79.2450, -39.0678, -69.4979



112.5890, 63.3066, -98.7406

Rectangle

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



101.8080, 75.5237, 43.1414



88.5570, 9.5854, 145.9705



79.2450, -39.0678, -69.4979



97.2790, 9.7225, -85.3137

Sweetspot

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



101.8080, 75.5237, 43.1414



209.9240, 22.2225, 12.3447



131.7600, 60.7573, -74.3345



100.6000, 13.5082, 7.3668



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.



101.8080, 75.5237, 43.1414



70.8750, 90.7736, 51.8526



132.9040, 60.1933, 107.0782



118.2760, 4.7939, 2.3889



50.4780, 69.2773, 39.9228



16.8640, 23.2380, 13.2743

Inverse Universe

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



121.0480, 14.7663, 117.4759



94.0000, 17.7480, 141.1970



169.0960, -60.1933, -107.0782



119.5710, 0.7045, 7.3922



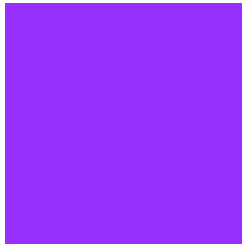
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 101.8080, 75.5237, 43.1414 looks on a white background.

Color Contrast Check

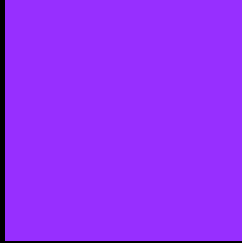
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.8080, 75.5237, 43.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

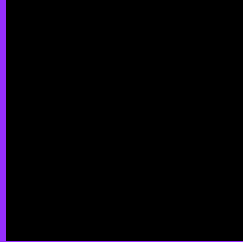
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.8080, 75.5237, 43.1414

Background



This preview shows how black text looks on a background with the YUV color 101.8080, 75.5237, 43.1414.



This preview shows how white text looks on a background with the YUV color 101.8080, 75.5237,

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

101.8080, 75.5237, 43.1414

Protanopia

88.4590, 67.3147, -77.5785

Deuteranopia

89.0340, 51.7482, -78.0828



Tritanopia

111.7990, 1.5781, 7.1923

Trichromacy



Original Color

101.8080, 75.5237, 43.1414



Protanomaly

93.2440, 70.3787, -33.5400



Deuteranomaly

93.8990, 60.1958, -34.1144



Tritanomaly

107.9880, 28.5999, 20.1815

Monochromacy



Original Color

101.8080, 75.5237, 43.1414



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

102.0260, 27.5952, 15.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8080, 75.5237, 43.1414 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(151, 47, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 47, 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(151, 47, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 47, 255) }
```

Border

The CSS property to change the border of an element to YUV 101.8080, 75.5237, 43.1414 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(151, 47, 255) }
```


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

```
.border{ border-color:rgb(151, 47, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 47, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 47, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 47, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 47,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 101.8080, 75.5237, 43.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 47, 255) }
```

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

```
.background{ background-color: rgb(151, 47,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor