

Converting Colors

YUV(103.5260, 73.1977,
42.5117)

Have a look what the booklet for
YUV(103.5260, 73.1977, 42.5117)
contains.

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Color

**YUV(103.5260, 73.1977,
42.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	9832FC
RGB	152, 50, 252
RGB Percent	60%, 20%, 99%
CMY	0.4039, 0.8039, 0.0118
CMYK	0.40, 0.80, 0.00, 0.01
HSL	270°, 97%, 59%
HSV	270°, 80%, 99%
XYZ	31.6602, 15.9849, 93.5122
YIQ	103.5260, -4.0500, 84.4460

Conversions

Conversions Part 2

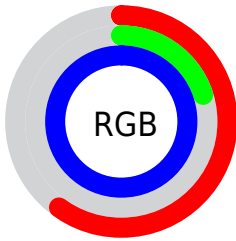
Format	Color
R _Y B	152, 50, 252
Decimal	9974524
CIE Lab	46.95, 75.24, -81.57
CIE LCh	47, 110.971, 312.691
Yxy	15.9849, 0.2243, 0.1132
Android (android.graphics.Color)	4288164604 (0xFF9832FC)
YUV	103.5260, 73.1977, 42.5117
Hunter-Lab	39.9811, 71.3835, -110.6872

Details

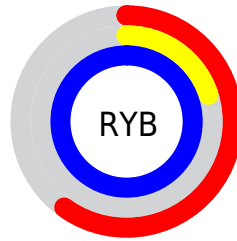
The YUV color **103.5260, 73.1977, 42.5117** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **198.4740, -73.1977, -42.5117**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7400, 48.4422, 49.3400**, and **49.0260, 71.4722, 35.9342** is the 20% darker color. If you saturate the color by 10%, you get **85.2630, 82.2013, 48.0043**, and if you desaturate by 10%, it is **121.7890, 64.1940, 37.0190**.

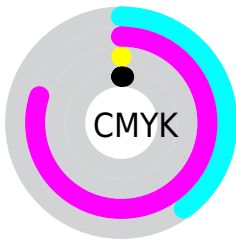
Distribution



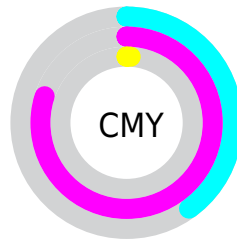
- Red (60%)
- Green (20%)
- Blue (99%)



- Red (60%)
- Yellow (20%)
- Blue (99%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (80%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5260, 73.1977, 42.5117 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 103.5260, 73.1977, 42.5117 by changing the saturation by 10% instead.

103.5260, 73.1977,
42.5117

103.5260, 73.1977,
42.5117

255.0000, 0.0000,
0.0000

65.1230, 77.8334,
49.0041

156.7400, 48.4422,
49.3400

49.0260, 71.4722,
35.9342

182.4450, 35.7696,
53.9837

35.3690, 64.4011,
17.2164

202.7570, 25.7558,
45.8171

15.8460, 60.7149,
-13.8969

219.1930, 17.6529,
31.4027

12.7680, 48.9214,
-11.1975

236.8030, 8.9711,
15.9588

9.8040, 37.5646,
-8.5981

253.8260, 0.5788,

10.5900, 25.3451,

1.0296

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 103.5260, 73.1977,
42.5117

■ 103.5260, 73.1977,
42.5117

■ 85.2630, 82.2013,
48.0043

■ 121.7890, 64.1940,
37.0190

■ 66.7010, 91.3524,
52.8822

■ 140.3510, 55.0430,
32.1412

■ 159.2010, 45.7499,
26.1337

■ 177.7630, 36.5988,
21.2558

196.0260, 27.5952,
15.7632

214.5880, 18.4441,
10.8853

232.8510, 9.4405,
5.3927

252.0000, 0.0000,
0.0000

254.6580, -1.3104,
0.2999

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



103.5260, 73.1977, 42.5117



91.6240, 38.1464, 131.8798

Triad

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



103.5260, 73.1977, 42.5117



104.0030, -51.2735, 65.7724



102.2150, 23.5580, -89.6426

Complementary

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



103.5260, 73.1977, 42.5117



198.4740, -73.1977, -42.5117

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.



88.9400, -19.6904, -78.0004



103.5260, 73.1977, 42.5117



100.0410, -49.3202, -0.9130

Square

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



103.5260, 73.1977, 42.5117



70.5640, -34.7881, 145.0874



79.8320, -39.3572, -70.0127



112.3610, 62.4330, -98.5406

Rectangle

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



103.5260, 73.1977, 42.5117



88.5570, 9.5854, 145.9705



79.8320, -39.3572, -70.0127



97.9800, 9.8699, -85.9285

Sweetspot

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



103.5260, 73.1977, 42.5117



210.2230, 22.0751, 12.9594



132.3150, 59.0047, -72.1903



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.



103.5260, 73.1977, 42.5117



75.0060, 88.7370, 51.7377



133.4260, 58.4570, 103.9894



115.5750, 4.6465, 3.0037



49.9510, 68.5512, 39.5080



16.2230, 22.0751, 12.9594

Inverse Universe

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



121.7980, 13.9036, 114.1872



97.0490, 16.7378, 138.5230



168.5740, -58.4570, -103.9894



116.6850, 1.1413, 7.2923



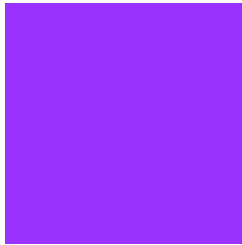
67.1130, 12.7623, 106.8949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 103.5260, 73.1977, 42.5117 looks on a white background.

Color Contrast Check

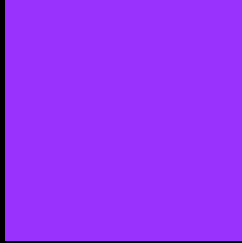
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5260, 73.1977, 42.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

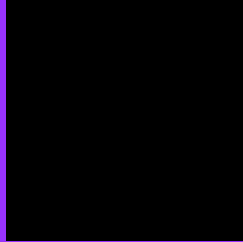
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 103.5260, 73.1977, 42.5117

Background



This preview shows how black text looks on a background with the YUV color 103.5260, 73.1977, 42.5117.



This preview shows how white text looks on a background with the YUV color 103.5260, 73.1977,

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

103.5260, 73.1977, 42.5117

Protanopia

88.5730, 67.7515, -77.6785

Deuteranopia

89.1480, 52.1850, -78.1828



Tritanopia

112.1090, 1.4253, 9.5514

Trichromacy



Original Color

103.5260, 73.1977, 42.5117



Protanomaly

93.7170, 69.6525, -33.9548



Deuteranomaly

94.4860, 59.9064, -34.6292



Tritanomaly

109.3580, 27.4315, 21.6110

Monochromacy



Original Color

103.5260, 73.1977, 42.5117



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.4990, 26.8690, 15.3484

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5260, 73.1977, 42.5117 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(152, 50, 252)` looks like.

```
.text, #text, p{  
    color:rgb(152, 50, 252)  
}
```

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(152, 50, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 50, 252) }
```

Border

The CSS property to change the border of an element to YUV 103.5260, 73.1977, 42.5117 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(152, 50, 252) }
```


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

```
.border{ border-color:rgb(152, 50, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 50, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 50, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 50, 252);  
box-shadow:4px 4px 4px 4px rgb(152, 50,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 103.5260, 73.1977, 42.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 50, 252) }
```

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

```
.background{ background-color: rgb(152, 50,  
252) }
```

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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