

Converting Colors

YUV(74.5720, 33.2420, 71.4124)

Have a look what the booklet for
YUV(74.5720, 33.2420, 71.4124)
contains.

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Color

**YUV(74.5720, 33.2420,
71.4124)**

Conversions

Conversions Part 1

Format	Color
Hex	9C148E
RGB	156, 20, 142
RGB Percent	61%, 8%, 56%
CMY	0.3882, 0.9216, 0.4431
CMYK	0.00, 0.87, 0.09, 0.39
HSL	306°, 77%, 35%
HSV	306°, 87%, 61%
XYZ	18.8429, 9.5212, 26.4358
YIQ	74.5720, 41.8940, 66.7740

Conversions

Conversions Part 2

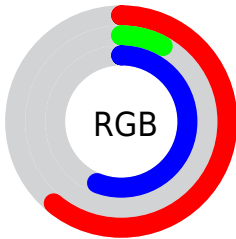
Format	Color
R _{YB}	156, 20, 142
Decimal	10228878
CIE _{Lab}	36.97, 63.23, -33.44
CIE _{LCh}	37, 71.530, 332.125
Y _{xy}	9.5212, 0.3438, 0.1737
Android (android.graphics.Color)	4288418958 (0xFF9C148E)
YUV	74.5720, 33.2420, 71.4124
Hunter-Lab	30.8565, 55.0047, -29.1963

Details

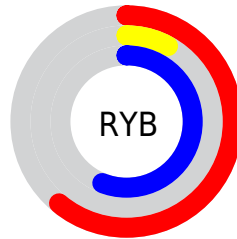
The YUV color **74.5720, 33.2420, 71.4124** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.4280, -33.2420, -71.4124**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8120, 29.1797, 67.6939**, and **40.2740, 25.0079, 52.3797** is the 20% darker color. If you saturate the color by 10%, you get **64.9520, 36.9987, 79.8491**, and if you desaturate by 10%, it is **84.1920, 29.4853, 62.9756**.

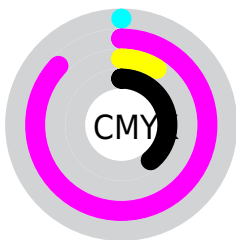
Distribution



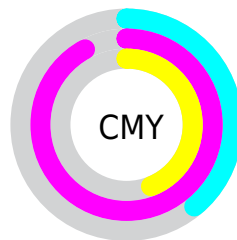
- Red (61%)
- Green (8%)
- Blue (56%)



- Red (61%)
- Yellow (8%)
- Blue (56%)



- Cyan (0%)
- Magenta (87%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (92%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5720, 33.2420, 71.4124 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 74.5720, 33.2420, 71.4124 by changing the saturation by 10% instead.

■ 74.5720, 33.2420,
71.4124

■ 74.5720, 33.2420,
71.4124

255.0000, 0.0000,
0.0000

■ 51.4960, 31.8005,
67.0940

■ 136.8120, 29.1797,
67.6939

■ 40.2740, 25.0079,
52.3797

■ 165.4100, 28.8849,
68.9234

■ 29.4650, 18.5048,
38.1802

■ 188.4410, 31.8276,
58.3722

■ 19.4820, 12.5804,
25.0103

■ 205.1050, 24.5982,
43.7579

■ 4.3020, 8.7251,
1.4891

■ 222.1280, 16.2059,
28.8287

■ 0.0000, 0.0000,
0.0000

■ 239.7380, 7.5242,

13.3848

■ 74.5720, 33.2420,
71.4124

■ 74.5720, 33.2420,
71.4124

■ 64.9520, 36.9987,
79.8491

■ 84.1920, 29.4853,
62.9756

■ 62.6040, 38.1562,
81.9083

■ 93.1110, 25.5813,
55.1537

■ 102.7310, 21.8246,
46.7169

■ 111.6500, 17.9206,
38.8950

■ 121.2700, 14.1639,
30.4582

■ 130.8900, 10.4072,
22.0215

■ 139.8090, 6.5032,
14.1995

■ 149.4290, 2.7465,
5.7628

■ 158.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



85.9260, 49.3365, -4.3201



74.5720, 33.2420, 71.4124



64.2220, 10.7366, 103.2913

Triad

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



74.5720, 33.2420, 71.4124



81.2790, -40.0705, 19.0493



81.4420, 32.8131, -71.4246

Complementary

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



74.5720, 33.2420, 71.4124



101.4280, -33.2420, -71.4124

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.



74.8300, 7.4788, -65.6259



74.5720, 33.2420, 71.4124



70.9590, -34.9828, -26.2740

Square

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



74.5720, 33.2420, 71.4124



80.0590, -39.4691, 59.5843



65.7730, -19.6081, -57.6829



83.8820, 52.3162, -73.5645

Rectangle

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



74.5720, 33.2420, 71.4124



59.8900, -5.8618, 107.0905



65.7730, -19.6081, -57.6829



79.2760, 24.5139, -69.5251

Sweetspot

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



74.5720, 33.2420, 71.4124



172.3190, 13.1537, 27.7842



39.6900, 57.3408, -4.9901



82.8740, 7.9501, 16.7735



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5720, 33.2420, 71.4124



81.8580, 49.8630, 107.1185



66.8200, 3.5397, 78.2109



74.1900, 1.8783, 4.2184



57.3490, 34.8309, 75.1159



6.0810, 3.9041, 7.8220

Inverse Universe

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



74.5720, 33.2420, 71.4124



81.8580, 49.8630, 107.1185



109.1800, -3.5397, -78.2109



74.1900, 1.8783, 4.2184



57.3490, 34.8309, 75.1159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 74.5720, 33.2420, 71.4124 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.5720, 33.2420, 71.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

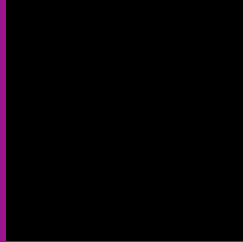
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5720, 33.2420, 71.4124

Background



This preview shows how black text looks on a background with the YUV color 74.5720, 33.2420, 71.4124.



This preview shows how white text looks on a background with the YUV color 74.5720, 33.2420,

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

74.5720, 33.2420, 71.4124

Protanopia

70.5290, 54.4622, -61.8539

Deuteranopia

87.2640, 23.0408, -16.8945



Tritanopia

85.3660, -11.5194, 54.9300

Trichromacy



Original Color

74.5720, 33.2420, 71.4124

Protanomaly

71.8880, 46.8902, -13.0568

Deuteranomaly

82.4990, 26.8690, 15.3484

Tritanomaly

81.3510, 4.7570, 61.0822

Monochromacy



Original Color

74.5720, 33.2420, 71.4124

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6670, 11.9962, 25.7250

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5720, 33.2420, 71.4124 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(156, 20, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 20, 142)  
}
```

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(156, 20, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 20, 142) }
```

Border

The CSS property to change the border of an element to YUV 74.5720, 33.2420, 71.4124 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(156, 20, 142) }
```


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

```
.border{ border-color:rgb(156, 20, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 20, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 20, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 20, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 20,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 74.5720, 33.2420, 71.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 20, 142) }
```

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

```
.background{ background-color: rgb(156, 20,  
142) }
```

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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