

Converting Colors

YUV(74.0880, 54.1866, 73.5908)

Have a look what the booklet for
YUV(74.0880, 54.1866, 73.5908)
contains.

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Color

**YUV(74.0880, 54.1866,
73.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0AB8
RGB	158, 10, 184
RGB Percent	62%, 4%, 72%
CMY	0.3804, 0.9608, 0.2784
CMYK	0.14, 0.95, 0.00, 0.28
HSL	291°, 90%, 38%
HSV	291°, 95%, 72%
XYZ	22.8608, 10.9469, 46.2555
YIQ	74.0880, 32.3540, 85.4900

Conversions

Conversions Part 2

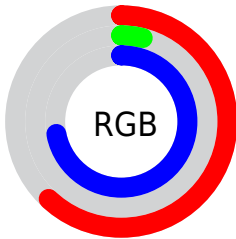
Format	Color
RYB	158, 10, 184
Decimal	10357432
CIELab	39.49, 71.76, -54.67
CIElCh	39, 90.218, 322.697
Yxy	10.9469, 0.2855, 0.1367
Android (android.graphics.Color)	4288547512 (0xFF9E0AB8)
YUV	74.0880, 54.1866, 73.5908
Hunter-Lab	33.0861, 65.4340, -59.7292

Details

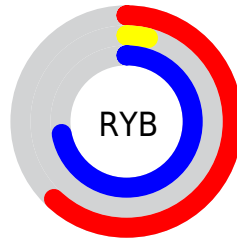
The YUV color **74.0880, 54.1866, 73.5908** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **119.9120, -54.1866, -73.5908**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2520, 48.6828, 65.5540**, and **45.0190, 41.8956, 49.0953** is the 20% darker color. If you saturate the color by 10%, you get **67.9190, 57.2279, 78.1240**, and if you desaturate by 10%, it is **85.5510, 48.5354, 66.1688**.

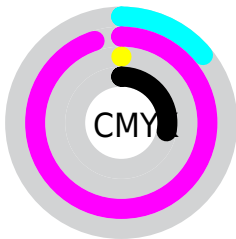
Distribution



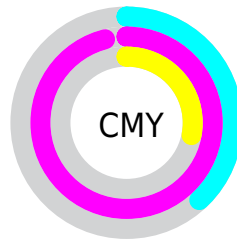
- Red (62%)
- Green (4%)
- Blue (72%)



- Red (62%)
- Yellow (4%)
- Blue (72%)



- Cyan (14%)
- Magenta (95%)
- Yellow (0%)
- Black (28%)





- Cyan (38%)
- Magenta (96%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.0880, 54.1866, 73.5908 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 74.0880, 54.1866, 73.5908 by changing the saturation by 10% instead.


 74.0880, 54.1866,
73.5908


 74.0880, 54.1866,
73.5908


255.0000, 0.0000,
0.0000


 56.4690, 49.5618,
63.6097


 142.2520, 48.6828,
65.5540


 45.0190, 41.8956,
49.0953


 169.8410, 41.9834,
67.6684


 33.6830, 34.6663,
34.4810


 189.2560, 32.4118,
57.6575

 23.0590, 27.5789,
20.9963

 206.2790, 24.0195,
42.7283

 9.2600, 22.5498,
0.6490

 223.3020, 15.6271,
27.7991

 4.9360, 13.8356,
-4.3289

 240.3250, 7.2348,

 0.5700, 2.1840,

12.8700

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 74.0880, 54.1866,
73.5908

■ 74.0880, 54.1866,
73.5908

■ 67.9190, 57.2279,
78.1240

■ 85.5510, 48.5354,
66.1688

■ 97.3020, 42.7421,
57.6171

■ 108.7650, 37.0909,
50.1951

■ 120.8150, 31.1502,
42.2582

■ 132.2780, 25.4989,
34.8362

■ 143.4420, 19.9951,
26.7994

■ 155.4920, 14.0544,
18.8625

■ 166.9550, 8.4032,
11.4405

■ 179.0050, 2.4625,
3.5036

Harmonies

Analogous

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



75.1690, 77.3177, -65.9232



74.0880, 54.1866, 73.5908



74.8890, 19.2817, 115.8613

Triad

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



74.0880, 54.1866, 73.5908



87.8790, -43.3243, 36.0631



88.0130, 30.0666, -77.1874

Complementary

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



74.0880, 54.1866, 73.5908



119.9120, -54.1866, -73.5908

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.



78.0610, -2.9881, -68.4595



74.0880, 54.1866, 73.5908



78.9770, -38.9357, -18.3968

Square

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



74.0880, 54.1866, 73.5908



75.5390, -37.2407, 91.6123



67.5050, -33.2800, -59.2019



94.0210, 58.1636, -82.4564

Rectangle

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



74.0880, 54.1866, 73.5908



71.2110, -2.5690, 124.3490



67.5050, -33.2800, -59.2019



84.5760, 19.4360, -74.1732

Sweetspot

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



74.0880, 54.1866, 73.5908



197.6810, 20.8633, 28.3438



45.0980, 68.4787, -30.7809



94.1390, 12.7495, 17.4181



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



74.0880, 54.1866, 73.5908



88.3560, 74.7605, 101.4198



74.9080, 23.7094, 95.6737



86.1190, 2.8993, 3.4036



57.2520, 48.6828, 65.5540



10.3680, 8.6926, 11.9553

Inverse Universe

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



64.9900, -14.2921, 104.3718



75.8640, -19.6530, 143.9473



119.0920, -23.7094, -95.6737



85.8050, -0.8899, 5.4330



49.2660, -12.9491, 93.6057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 74.0880, 54.1866, 73.5908 looks on a white background.

Color Contrast Check

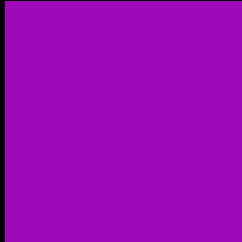
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.0880, 54.1866, 73.5908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

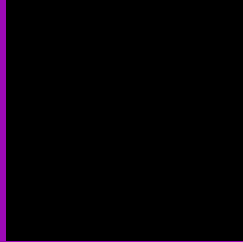
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0880, 54.1866, 73.5908

Background



This preview shows how black text looks on a background with the YUV color 74.0880, 54.1866, 73.5908.



This preview shows how white text looks on a background with the YUV color 74.0880, 54.1866,

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

74.0880, 54.1866, 73.5908

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

76.4330, 46.6215, -67.0317



Tritanopia

94.2120, -7.9925, 43.6641

Trichromacy



Original Color

74.0880, 54.1866, 73.5908



Protanomaly

75.0970, 56.6472, -15.8711



Deuteranomaly

75.2620, 49.6638, -16.0158



Tritanomaly

86.6520, 14.9616, 54.6792

Monochromacy



Original Color

74.0880, 54.1866, 73.5908



Achromatopsia

74.0000, 0.0000, 0.0000



Achromatomaly

74.3280, 19.5583, 26.8993

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0880, 54.1866, 73.5908 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(158, 10, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 10, 184)  
}
```

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(158, 10, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 10, 184) }
```

Border

The CSS property to change the border of an element to YUV 74.0880, 54.1866, 73.5908 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(158, 10, 184) }
```


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

```
.border{ border-color:rgb(158, 10, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 10, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 10, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 10, 184); box-shadow:4px 4px 4px 4px rgb(158, 10, 184) }
```

Background

The CSS property to change the background color of an element to YUV 74.0880, 54.1866, 73.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 10, 184) }
```

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

```
.background{ background-color: rgb(158, 10,  
184) }
```

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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