

Converting Colors

YUV(98.9460, 69.5396, 49.1594)

Have a look what the booklet for
YUV(98.9460, 69.5396, 49.1594)
contains.

YUV(98.9460, 69.5396, 49.1594)	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(98.9460, 69.5396,
49.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2BF0
RGB	155, 43, 240
RGB Percent	61%, 17%, 94%
CMY	0.3922, 0.8314, 0.0588
CMYK	0.35, 0.82, 0.00, 0.06
HSL	274°, 87%, 55%
HSV	274°, 82%, 94%
XYZ	30.1096, 14.9876, 83.7440
YIQ	98.9460, 3.5150, 85.0110

Conversions

Conversions Part 2

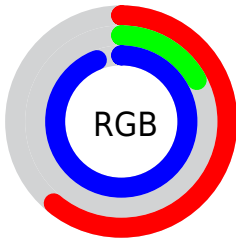
Format	Color
R _Y B	155, 43, 240
Decimal	10169328
CIE Lab	45.62, 75.26, -77.01
CIE LCh	46, 107.673, 314.341
Yxy	14.9876, 0.2337, 0.1163
Android (android.graphics.Color)	4288359408 (0xFF9B2BF0)
YUV	98.9460, 69.5396, 49.1594
Hunter-Lab	38.7138, 71.0790, -101.1539

Details

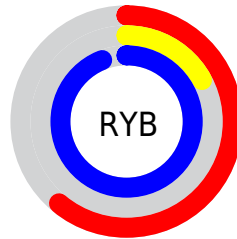
The YUV color **98.9460, 69.5396, 49.1594** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **184.0540, -69.5396, -49.1594**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7020, 49.4469, 53.7583**, and **48.9680, 66.0778, 39.4931** is the 20% darker color. If you saturate the color by 10%, you get **81.8680, 77.9591, 55.3668**, and if you desaturate by 10%, it is **116.0240, 61.1202, 42.9520**.

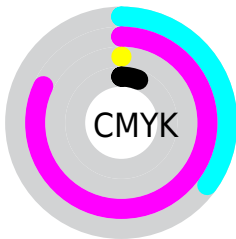
Distribution



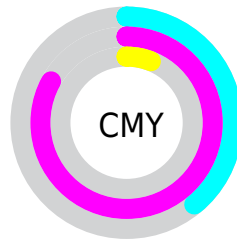
- Red (61%)
- Green (17%)
- Blue (94%)



- Red (61%)
- Yellow (17%)
- Blue (94%)



- Cyan (35%)
- Magenta (82%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (83%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9460, 69.5396, 49.1594 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 98.9460, 69.5396, 49.1594 by changing the saturation by 10% instead.

98.9460, 69.5396,
49.1594

98.9460, 69.5396,
49.1594

255.0000, 0.0000,
0.0000

61.4290, 73.7385,
55.7518

154.7020, 49.4469,
53.7583

48.9680, 66.0778,
39.4931

180.1080, 36.9218,
57.7873

36.2080, 58.5645,
22.6196

199.8220, 27.2028,
48.3911

20.5720, 52.9620,
-0.5016

216.8450, 18.8104,
33.4619

11.6280, 44.5534,
-10.1978

233.8680, 10.4181,
18.5328

8.7780, 33.6334,
-7.6983

251.4780, 1.7363,

8.9770, 21.7033,

3.0888

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 98.9460, 69.5396,
49.1594

■ 98.9460, 69.5396,
49.1594

■ 81.8680, 77.9591,
55.3668

■ 116.0240, 61.1202,
42.9520

■ 68.0240, 84.7842,
59.6150

■ 133.4010, 52.5533,
37.3593

■ 150.4790, 44.1339,
31.1519

■ 167.5570, 35.7144,
24.9445

■ 184.9340, 27.1475,
19.3519

■ 202.0120, 18.7281,
13.1445

■ 219.0900, 10.3086,
6.9371

■ 236.4670, 1.7418,
1.3444

■ 251.1970, -5.5201,
-2.8038

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



98.9460, 69.5396, 49.1594



88.6900, 34.6628, 129.1909

Triad

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



98.9460, 69.5396, 49.1594



101.3120, -49.9468, 60.2394



99.3940, 25.4418, -87.1685

Complementary

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



98.9460, 69.5396, 49.1594



184.0540, -69.5396, -49.1594

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.



87.1620, -16.3489, -76.4411



98.9460, 69.5396, 49.1594



96.4750, -47.5622, -4.8016

Square

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



98.9460, 69.5396, 49.1594



67.5740, -33.3140, 138.9396



77.4840, -38.1996, -67.9535



109.5570, 61.8434, -96.0815

Rectangle

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



98.9460, 69.5396, 49.1594



87.0470, 6.3858, 145.5408



77.4840, -38.1996, -67.9535



95.8600, 11.9010, -84.0692

Sweetspot

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



98.9460, 69.5396, 49.1594



209.0600, 22.6484, 15.7334



115.3530, 61.4510, -63.4536



100.0240, 13.7922, 9.6260



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.



98.9460, 69.5396, 49.1594



74.4850, 88.9939, 62.7187



122.8790, 51.3317, 102.7151



111.4610, 4.2097, 3.1037



52.0720, 65.0405, 45.5409



15.9520, 19.7437, 14.0741

Inverse Universe

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



111.5930, 8.0887, 112.6129



90.6600, 10.0276, 144.1262



160.1210, -51.3317, -102.7151



112.1580, 0.4151, 6.8774



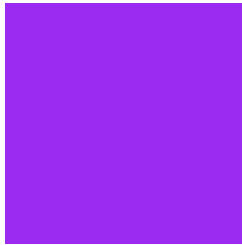
64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 98.9460, 69.5396, 49.1594 looks on a white background.

Color Contrast Check

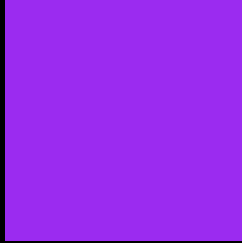
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.9460, 69.5396, 49.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

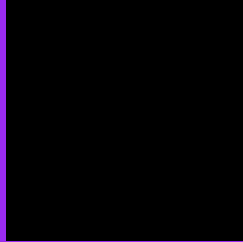
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.9460, 69.5396, 49.1594

Background



This preview shows how black text looks on a background with the YUV color 98.9460, 69.5396, 49.1594.



This preview shows how white text looks on a background with the YUV color 98.9460, 69.5396,

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

98.9460, 69.5396, 49.1594

Protanopia

86.1280, 65.9989, -75.5343

Deuteranopia

86.8170, 50.8692, -76.1385



Tritanopia

109.5830, -0.7804, 17.0287

Trichromacy



Original Color

98.9460, 69.5396, 49.1594



Protanomaly

90.7560, 67.1683, -30.4810



Deuteranomaly

90.9380, 57.7116, -30.6406



Tritanomaly

105.4190, 24.9364, 28.5735

Monochromacy



Original Color

98.9460, 69.5396, 49.1594



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.0540, 25.1164, 17.4926

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9460, 69.5396, 49.1594 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(155, 43, 240)` looks like.

```
.text, #text, p{  
    color:rgb(155, 43, 240)  
}
```

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(155, 43, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 43, 240) }
```

Border

The CSS property to change the border of an element to YUV 98.9460, 69.5396, 49.1594 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(155, 43, 240) }
```


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

```
.border{ border-color:rgb(155, 43, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 43, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 43, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 43, 240);  
box-shadow:4px 4px 4px 4px rgb(155, 43,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 98.9460, 69.5396, 49.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 43, 240) }
```

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

```
.background{ background-color: rgb(155, 43,  
240) }
```

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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