

Converting Colors

YUV(61.4660, 44.1403, 75.8903)

Have a look what the booklet for
YUV(61.4660, 44.1403, 75.8903)
contains.

| | |
|--|----|
| YUV(61.4660, 44.1403, 75.8903) | 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> | 30 |

Color

**YUV(61.4660, 44.1403,
75.8903)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 940097 |
| RGB | 148, 0, 151 |
| RGB Percent | 58%, 0%, 59% |
| CMY | 0.4196, 1.0000, 0.4078 |
| CMYK | 0.02, 1.00, 0.00, 0.41 |
| HSL | 299°, 100%, 30% |
| HSV | 299°, 100%, 59% |
| XYZ | 17.7987, 8.5303, 29.9866 |
| YIQ | 61.4660, 39.7370, 78.3370 |

Conversions

Conversions Part 2

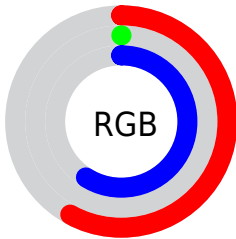
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 148, 0, 151 |
| Decimal | 9699479 |
| CIE _{Lab} | 35.06, 65.96, -42.08 |
| CIE _{LCh} | 35, 78.236, 327.461 |
| Yxy | 8.5303, 0.3161, 0.1515 |
| Android (android.graphics.Color) | 4287889559 (0xFF940097) |
| YUV | 61.4660, 44.1403, 75.8903 |
| Hunter-Lab | 29.2066, 57.6672, -40.4287 |

Details

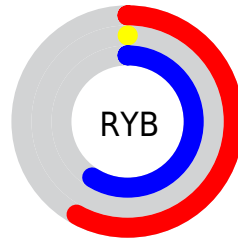
The YUV color **61.4660, 44.1403, 75.8903** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **89.5340, -44.1403, -75.8903**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8640, 37.0420, 65.8943**, and **38.7940, 29.6816, 46.6617** is the 20% darker color. If you saturate the color by 10%, you get **61.4660, 44.1403, 75.8903**, and if you desaturate by 10%, it is **70.2710, 39.7994, 68.1683**.

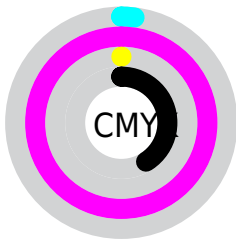
Distribution



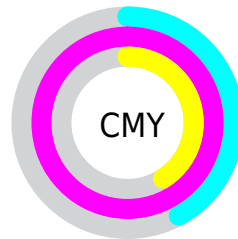
- Red (58%)
- Green (0%)
- Blue (59%)



- Red (58%)
- Yellow (0%)
- Blue (59%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 61.4660, 44.1403, 75.8903 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 61.4660, 44.1403, 75.8903 by changing the saturation by 10% instead.


 61.4660, 44.1403,
75.8903

 61.4660, 44.1403,
75.8903


255.0000, 0.0000,
0.0000

 50.1300, 36.9109,
61.2760


 130.8640, 37.0420,
65.8943


 38.7940, 29.6816,
46.6617


 159.7500, 36.6052,
65.9942


 27.9850, 23.1784,
32.4622

 184.5600, 34.7269,
61.7759

 17.4750, 16.5278,
18.8774

 200.9960, 26.6240,
47.3615

 3.3060, 12.6671,
-2.8994

 218.0190, 18.2316,
32.4323

 0.0000, 0.0000,
0.0000

 235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

61.4660, 44.1403,
75.8903

70.2710, 39.7994,
68.1683

79.3750, 35.3111,
61.0611

88.1800, 30.9703,
53.3391

96.9850, 26.6294,
45.6172

106.6760, 21.8517,
37.9951

■ 115.4810, 17.5109,
30.2732

■ 124.2860, 13.1700,
22.5512

■ 133.0910, 8.8291,
14.8292

■ 142.1950, 4.3409,
7.7220

Harmonies

Analogous

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



73.3230, 60.4798, -31.8553



61.4660, 44.1403, 75.8903



65.0910, 12.7731, 103.4062

Triad

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



61.4660, 44.1403, 75.8903



78.0670, -38.4870, 24.4972



78.6550, 29.7501, -68.9804

Complementary

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



61.4660, 44.1403, 75.8903



89.5340, -44.1403, -75.8903

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.



70.1850, 2.3738, -61.5522



61.4660, 44.1403, 75.8903



68.0240, -33.5358, -23.7000

Square

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



61.4660, 44.1403, 75.8903



72.4500, -35.7178, 69.7653



59.8740, -29.5179, -52.5095



82.5940, 52.4582, -72.4349

Rectangle

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



61.4660, 44.1403, 75.8903



60.7160, -5.2830, 108.1201



59.8740, -29.5179, -52.5095



75.7880, 21.3035, -66.4661

Sweetspot

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



61.4660, 44.1403, 75.8903



161.0680, 17.2215, 29.7584



20.1490, 64.5095, -17.6707



78.4550, 10.1287, 18.0180



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



61.4660, 44.1403, 75.8903



79.7520, 57.3103, 98.4415



54.3830, 13.1222, 84.7331



72.0050, 2.4625, 3.5036



56.9230, 40.9570, 70.2275



5.0700, 3.9095, 6.0776

Inverse Universe

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



45.4910, -20.9481, 92.5314



59.0600, -27.1446, 120.0964



96.6170, -13.1222, -84.7331



71.3920, -1.1793, 4.9182



42.2020, -19.3266, 85.7688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 61.4660, 44.1403, 75.8903 looks on a white background.

Color Contrast Check

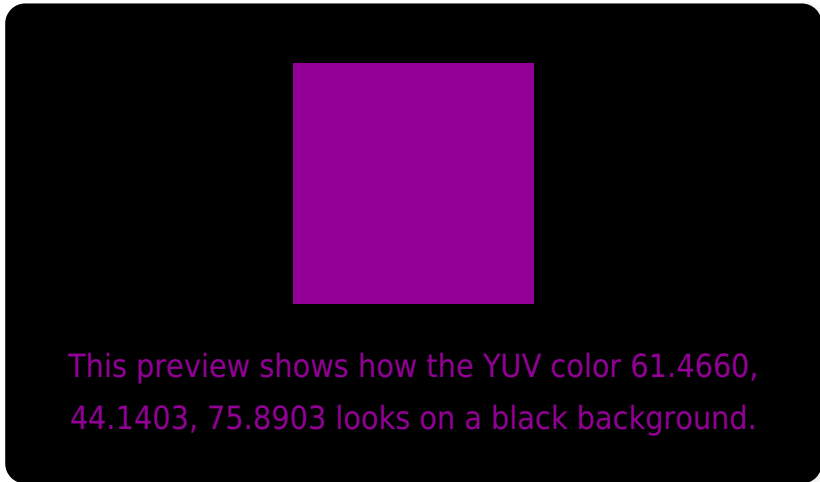
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

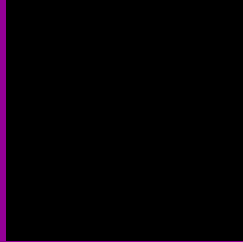
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4660, 44.1403, 75.8903

Background



This preview shows how black text looks on a background with the YUV color 61.4660, 44.1403, 75.8903.



This preview shows how white text looks on a background with the YUV color 61.4660, 44.1403,

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



Protanopia

67.9700, 52.2728, -59.6097

Deuteranopia

81.0220, 30.0622, -28.9603

Tritanopia

83.0770, -9.8980, 48.1675

Trichromacy



Protanomaly

65.5940, 49.5002, -10.1679

Deuteranomaly

73.9310, 35.0370, 8.8305

Tritanomaly

75.5940, 9.5672, 58.2381

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.4160, 16.0639, 27.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4660, 44.1403, 75.8903 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(148, 0, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 151)  
}
```

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(148, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 151) }
```

Border

The CSS property to change the border of an element to YUV 61.4660, 44.1403, 75.8903 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(148, 0, 151) }
```

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

```
.border{ border-color:rgb(148, 0, 151) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
151) }
```


Background

The CSS property to change the background color of an element to YUV 61.4660, 44.1403, 75.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 151) }
```

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

```
.background{ background-color: rgb(148, 0,  
151) }
```

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