

Converting Colors

YUV(78.3740, 60.4546, 69.8320)

Have a look what the booklet for
YUV(78.3740, 60.4546, 69.8320)
contains.

YUV(78.3740, 60.4546, 69.8320)	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(78.3740, 60.4546,
69.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0EC9
RGB	158, 14, 201
RGB Percent	62%, 5%, 79%
CMY	0.3804, 0.9451, 0.2118
CMYK	0.21, 0.93, 0.00, 0.21
HSL	286°, 87%, 42%
HSV	286°, 93%, 79%
XYZ	24.8002, 11.8002, 56.2289
YIQ	78.3740, 25.7970, 88.6850

Conversions

Conversions Part 2

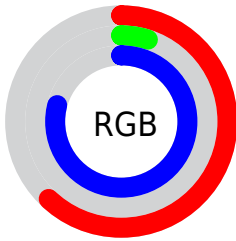
Format	Color
R_{YB}	158, 14, 201
Decimal	10358473
CIE _{Lab}	40.90, 74.26, -62.36
CIE _{LCh}	41, 96.970, 319.977
Yxy	11.8002, 0.2672, 0.1271
Android (android.graphics.Color)	4288548553 (0xFF9E0EC9)
YUV	78.3740, 60.4546, 69.8320
Hunter-Lab	34.3515, 68.7539, -73.0041

Details

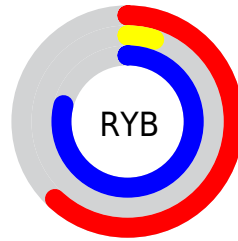
The YUV color **78.3740, 60.4546, 69.8320** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **136.6260, -60.4546, -69.8320**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0220, 54.2192, 63.1247**, and **46.5440, 49.0318, 46.8809** is the 20% darker color. If you saturate the color by 10%, you get **69.2590, 64.9483, 75.1949**, and if you desaturate by 10%, it is **91.6090, 53.9298, 62.6099**.

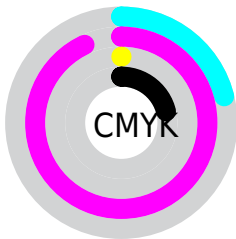
Distribution



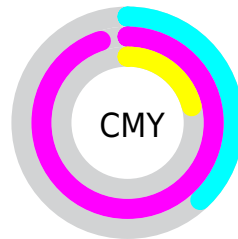
- Red (62%)
- Green (5%)
- Blue (79%)



- Red (62%)
- Yellow (5%)
- Blue (79%)



- Cyan (21%)
- Magenta (93%)
- Yellow (0%)
- Black (21%)





- Cyan (38%)
- Magenta (95%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3740, 60.4546, 69.8320 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 78.3740, 60.4546, 69.8320 by changing the saturation by 10% instead.


 78.3740, 60.4546,
69.8320


 78.3740, 60.4546,
69.8320


255.0000, 0.0000,
0.0000

 58.2930, 56.5506,
62.0100


 145.0220, 54.2192,
63.1247


 46.5440, 49.0318,
46.8809


 171.6020, 41.1152,
66.1240


 34.7950, 41.5131,
31.7518


 190.4300, 31.8330,
56.6279

 23.8720, 34.5731,
17.6523

 207.4530, 23.4407,
41.6987

 7.8660, 30.1391,
-6.8985

 224.4760, 15.0483,
26.7695

 6.8910, 18.7877,
-6.0434

 242.0860, 6.3666,

 3.3230, 10.1938,

11.3256

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 78.3740, 60.4546,
69.8320

■ 78.3740, 60.4546,
69.8320

■ 69.2590, 64.9483,
75.1949

■ 91.6090, 53.9298,
62.6099

■ 104.5450, 47.5523,
54.7730

■ 117.7800, 41.0275,
47.5509

■ 130.7160, 34.6500,
39.7141

■ 143.9510, 28.1252,
32.4920

■ 157.7730, 21.3109,
24.7551

■ 170.7090, 14.9335,
16.9182

■ 183.9440, 8.4086,
9.6961

■ 197.1790, 1.8838,
2.4740

Harmonies

Analogous

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



80.7430, 83.4437, -70.8116



78.3740, 60.4546, 69.8320



79.0620, 23.6334, 120.0946

Triad

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



78.3740, 60.4546, 69.8320



91.1680, -44.9458, 42.8257



90.9480, 28.6196, -79.7614

Complementary

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



78.3740, 60.4546, 69.8320



136.6260, -60.4546, -69.8320

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.



79.7250, -6.7664, -69.9188



78.3740, 60.4546, 69.8320



83.1300, -40.9831, -15.0230

Square

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



78.3740, 60.4546, 69.8320



69.4470, -34.2374, 108.3560



69.8530, -34.4375, -61.2611



98.4550, 59.9217, -86.3450

Rectangle

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



78.3740, 60.4546, 69.8320



76.1240, -0.5541, 131.4413



69.8530, -34.4375, -61.2611



87.2830, 17.1155, -76.5472

Sweetspot

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



78.3740, 60.4546, 69.8320



208.5390, 22.9053, 26.7143



61.1460, 68.9480, -41.3470



99.1820, 14.2073, 16.5034



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.



78.3740, 60.4546, 69.8320



87.6740, 82.4917, 95.0019



85.5310, 32.2762, 101.2663



93.1190, 2.8993, 3.4036



56.2560, 52.6248, 61.1655



12.1770, 11.7447, 12.9998

Inverse Universe

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



74.8150, -8.7828, 110.6642



82.9710, -11.8177, 150.8694



129.4690, -32.2762, -101.2663



92.9190, -0.4531, 5.3330



53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 78.3740, 60.4546, 69.8320 looks on a white background.

Color Contrast Check

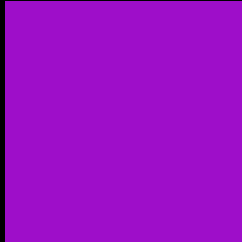
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.3740, 60.4546, 69.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

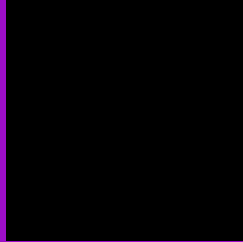
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3740, 60.4546, 69.8320

Background



This preview shows how black text looks on a background with the YUV color 78.3740, 60.4546, 69.8320.



This preview shows how white text looks on a background with the YUV color 78.3740, 60.4546,

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

78.3740, 60.4546, -69.8320

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.5360, 47.0638, -68.8761



Tritanopia

98.2220, -6.5184, 37.5163

Trichromacy



Original Color

78.3740, 60.4546, 69.8320



Protanomaly

77.9980, 60.1470, -18.4152



Deuteranomaly

78.5220, 52.0007, -18.8748



Tritanomaly

90.7160, 17.8880, 49.3611

Monochromacy



Original Color

78.3740, 60.4546, 69.8320



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

78.3000, 22.0371, 25.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3740, 60.4546, 69.8320 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, 14, 201)` looks like.

```
.text, #text, p{  
    color:rgb(158, 14, 201)  
}
```

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, 14, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 14, 201) }
```

Border

The CSS property to change the border of an element to YUV 78.3740, 60.4546, 69.8320 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, 14, 201) }
```


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

```
.border{ border-color:rgb(158, 14, 201) }
```

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

Here you see how a box with a 4 pixel rgb(158, 14, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 14, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 14, 201);  
box-shadow:4px 4px 4px 4px rgb(158, 14,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 78.3740, 60.4546, 69.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 14, 201) }
```

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

```
.background{ background-color: rgb(158, 14,  
201) }
```

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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