

Converting Colors

YUV(60.9670, 40.9353, 77.2049)

Have a look what the booklet for
YUV(60.9670, 40.9353, 77.2049)
contains.

YUV(60.9670, 40.9353, 77.2049)	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(60.9670, 40.9353,
77.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	950090
RGB	149, 0, 144
RGB Percent	58%, 0%, 56%
CMY	0.4157, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.03, 0.42
HSL	302°, 100%, 29%
HSV	302°, 100%, 58%
XYZ	17.4285, 8.4032, 27.0889
YIQ	60.9670, 42.5800, 76.3720

Conversions

Conversions Part 2

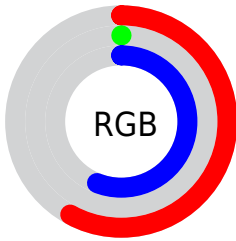
Format	Color
R_{YB}	149, 0, 144
Decimal	9765008
CIE _{Lab}	34.81, 65.06, -38.19
CIE _{LCh}	35, 75.436, 329.588
Yxy	8.4032, 0.3293, 0.1588
Android (android.graphics.Color)	4287955088 (0xFF950090)
YUV	60.9670, 40.9353, 77.2049
Hunter-Lab	28.9882, 56.5893, -35.1136

Details

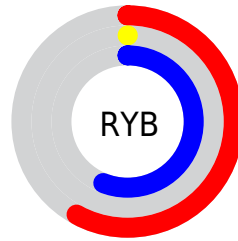
The YUV color **60.9670, 40.9353, 77.2049** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **88.0330, -40.9353, -77.2049**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2510, 33.4003, 67.3089**, and **38.4090, 26.9134, 47.8763** is the 20% darker color. If you saturate the color by 10%, you get **60.9670, 40.9353, 77.2049**, and if you desaturate by 10%, it is **69.8860, 37.0312, 69.3830**.

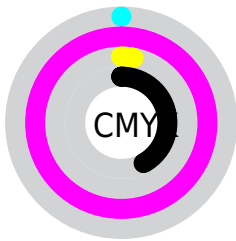
Distribution



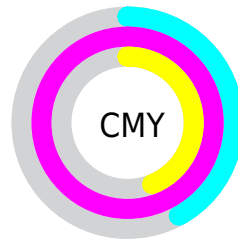
- Red (58%)
- Green (0%)
- Blue (56%)



- Red (58%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the YUV color 60.9670, 40.9353, 77.2049 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 60.9670, 40.9353, 77.2049 by changing the saturation by 10% instead.


 60.9670, 40.9353,
77.2049


 60.9670, 40.9353,
77.2049


 255.0000, 0.0000,
0.0000


 49.6310, 33.7059,
62.5906


 130.2510, 33.4003,
67.3089


 38.4090, 26.9134,
47.8763


 158.6640, 33.6896,
67.8237


 27.8990, 20.2628,
34.2916

 184.5600, 34.7269,
61.7759

 17.5030, 14.0490,
20.6069

 200.9960, 26.6240,
47.3615

 3.3230, 10.1938,
-2.9143

 218.0190, 18.2316,
32.4323

 0.0000, 0.0000,
0.0000

 235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

60.9670, 40.9353,
77.2049

69.8860, 37.0312,
69.3830

78.6910, 32.6903,
61.6610

87.6100, 28.7863,
53.8390

96.4150, 24.4454,
46.1170

105.3340, 20.5413,
38.2951

■ 113.5520, 16.4899,
31.0879

■ 122.4710, 12.5858,
23.2659

■ 131.2760, 8.2449,
15.5439

■ 140.1950, 4.3409,
7.7220

Harmonies

Analogous

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



77.3310, 55.0528, -17.8303



60.9670, 40.9353, 77.2049



63.3250, 11.1788, 101.4470

Triad

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



60.9670, 40.9353, 77.2049



77.4580, -38.1868, 21.5233



77.7090, 31.2025, -68.1508

Complementary

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



60.9670, 40.9353, 77.2049



88.0330, -40.9353, -77.2049

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.



70.0540, 4.4104, -61.4374



60.9670, 40.9353, 77.2049



66.8280, -32.9462, -26.1592

Square

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



60.9670, 40.9353, 77.2049



73.3030, -36.1384, 64.6323



59.9710, -26.6077, -52.5946



81.1920, 52.1633, -71.2054

Rectangle

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



60.9670, 40.9353, 77.2049



59.1780, -6.0038, 105.9609



59.9710, -26.6077, -52.5946



75.4290, 22.4665, -66.1512

Sweetspot

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



60.9670, 40.9353, 77.2049



159.7260, 15.9111, 30.0583



18.4810, 64.3459, -11.8228



76.3410, 9.6919, 18.1179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



60.9670, 40.9353, 77.2049



79.3240, 53.0843, 100.5709



52.5310, 8.6122, 84.6033



69.8910, 2.0257, 3.6036



56.4240, 37.7520, 71.5422



4.1300, 2.8939, 5.1480

Inverse Universe

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



60.9670, 40.9353, 77.2049



79.3240, 53.0843, 100.5709



96.4690, -8.6122, -84.6033



69.8910, 2.0257, 3.6036



56.4240, 37.7520, 71.5422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 60.9670, 40.9353, 77.2049 looks on a white background.

Color Contrast Check

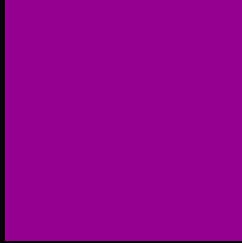
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.9670, 40.9353, 77.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

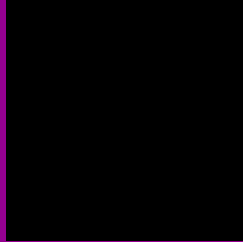
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9670, 40.9353, 77.2049

Background



This preview shows how black text looks on a background with the YUV color 60.9670, 40.9353, 77.2049.



This preview shows how white text looks on a background with the YUV color 60.9670, 40.9353,

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

67.8560, 51.8360, -59.5097

Deuteranopia

82.0290, 26.1147, -22.8274

Tritanopia

82.1590, -10.9244, 50.7266

Trichromacy



Protanomaly

65.1380, 47.7530, -9.7680

Deuteranomaly

74.3400, 31.3844, 13.7338

Tritanomaly

74.2630, 8.2513, 60.2823

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0740, 14.7535, 27.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9670, 40.9353, 77.2049 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(149, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 144)  
}
```

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(149, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 144) }
```

Border

The CSS property to change the border of an element to YUV 60.9670, 40.9353, 77.2049 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(149, 0, 144) }
```

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

```
.border{ border-color:rgb(149, 0, 144) }
```

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

Here you see how a box with a 4 pixel rgb(149, 0, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 0,  
144) }
```


Background

The CSS property to change the background color of an element to YUV 60.9670, 40.9353, 77.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 144) }
```

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

```
.background{ background-color: rgb(149, 0,  
144) }
```

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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