

Converting Colors

YUV(67.8370, 40.9994, 9.7900)

Have a look what the booklet for
YUV(67.8370, 40.9994, 9.7900)
contains.

YUV(67.8370, 40.9994, 9.7900)	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(67.8370, 40.9994,
9.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2E97
RGB	79, 46, 151
RGB Percent	31%, 18%, 59%
CMY	0.6902, 0.8196, 0.4078
CMYK	0.48, 0.70, 0.00, 0.41
HSL	259°, 53%, 39%
HSV	259°, 70%, 59%
XYZ	9.7874, 5.8506, 29.8916
YIQ	67.8370, -14.0370, 39.6510

Conversions

Conversions Part 2

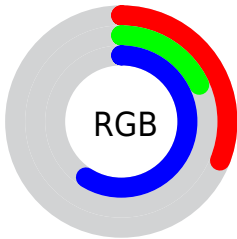
Format	Color
R_{YB}	79, 46, 151
Decimal	5189271
CIE _{Lab}	29.03, 40.25, -52.34
CIE _{LCh}	29, 66.030, 307.561
Yxy	5.8506, 0.2150, 0.1285
Android (android.graphics.Color)	4283379351 (0xFF4F2E97)
YUV	67.8370, 40.9994, 9.7900
Hunter-Lab	24.1881, 29.8984, -56.3389

Details

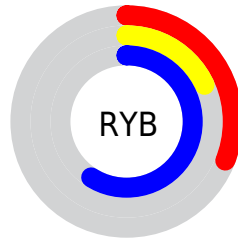
The YUV color **67.8370, 40.9994, 9.7900** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **129.1630, -40.9994, -9.7900**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7280, 43.0251, 13.3935**, and **16.3690, 40.7371, 0.5534** is the 20% darker color. If you saturate the color by 10%, you get **56.0420, 46.8143, 11.3642**, and if you desaturate by 10%, it is **79.6320, 35.1844, 8.2157**.

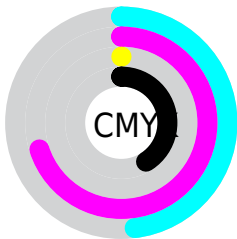
Distribution



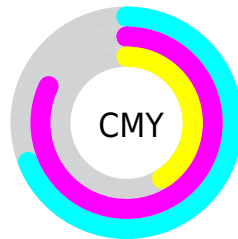
- Red (31%)
- Green (18%)
- Blue (59%)



- Red (31%)
- Yellow (18%)
- Blue (59%)



- Cyan (48%)
- Magenta (70%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8370, 40.9994, 9.7900 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 67.8370, 40.9994, 9.7900 by changing the saturation by 10% instead.

67.8370, 40.9994,
9.7900

67.8370, 40.9994,
9.7900

255.0000, 0.0000,
0.0000

42.4130, 40.7154,
7.5308

118.7280, 43.0251,
13.3935

16.3690, 40.7371,
0.5534

145.6680, 44.0407,
14.3232

8.5500, 32.7599,
-7.4984

171.8810, 40.9777,
16.7674

8.1620, 21.1191,
-7.1581

196.4010, 28.8893,
20.6963

4.4800, 12.0884,
-3.9290

221.5080, 16.5116,
24.1105

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 67.8370, 40.9994,
9.7900

■ 67.8370, 40.9994,
9.7900

■ 56.0420, 46.8143,
11.3642

■ 79.6320, 35.1844,
8.2157

■ 43.9480, 52.7766,
12.3236

■ 91.7260, 29.2221,
7.2563

■ 32.1530, 58.5916,
13.8978

■ 103.5210, 23.4071,
5.6821

■ 31.2670, 59.0284,
13.7978

■ 115.3160, 17.5922,
4.1079

■ 127.9970, 11.3405,
2.6336

■ 139.7920, 5.5255,
1.0594

■ 151.5870, -0.2894,
-0.5148

■ 163.6810, -6.2517,
-1.4742

■ 175.4760,
-12.0667, -3.0485

Harmonies

Analogous

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



61.8720, 54.2931, -54.2617



67.8370, 40.9994, 9.7900



53.0900, 27.5636, 72.7121

Triad

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



67.8370, 40.9994, 9.7900



63.7350, -31.4214, 44.9594



60.8900, 9.9142, -53.4005

Complementary

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



67.8370, 40.9994, 9.7900



129.1630, -40.9994, -9.7900

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.



53.3320, -13.9677, -46.7722



67.8370, 40.9994, 9.7900



63.5040, -31.3075, 8.3280

Square

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



67.8370, 40.9994, 9.7900



43.3270, -18.8952, 87.4132



47.5470, -23.4407, -41.6987



66.4760, 31.3173, -58.2995

Rectangle

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



67.8370, 40.9994, 9.7900



53.6990, 10.5014, 85.3330



47.5470, -23.4407, -41.6987



58.8380, 2.0519, -51.6009

Sweetspot

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



67.8370, 40.9994, 9.7900



163.5610, 15.9924, 3.8930



100.8210, 24.7382, -48.0780



79.8290, 9.4513, 1.9040



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.



67.8370, 40.9994, 9.7900



67.1300, 63.5329, 15.6720



83.0860, 33.4816, 41.1436



70.5100, 3.1996, 0.4297



29.1160, 54.6658, 13.0533



2.6780, 5.0887, 1.1594

Inverse Universe

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



85.6030, 15.9717, 57.3532



94.5050, 24.8940, 89.0111



113.9140, -33.4816, -41.1436



71.9620, 1.0047, 4.4183



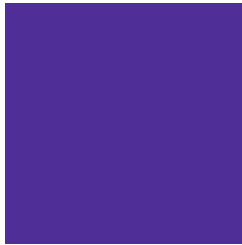
52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 67.8370, 40.9994, 9.7900 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 67.8370, 40.9994, 9.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

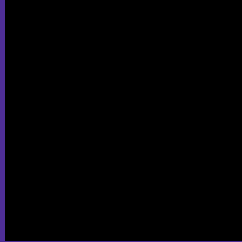
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8370, 40.9994, 9.7900

Background



This preview shows how black text looks on a background with the YUV color 67.8370, 40.9994, 9.7900.



This preview shows how white text looks on a background with the YUV color 67.8370, 40.9994,

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

67.8370, 40.9994, 9.7900

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

55.4710, 32.3058, -48.6481



Tritanopia

67.9820, 3.9529, -7.8772

Trichromacy



Original Color

67.8370, 40.9994, 9.7900

Protanomaly

59.7200, 41.5500, -26.9414

Deuteranomaly

60.1130, 35.4403, -27.2861

Tritanomaly

67.8700, 17.3191, -1.6400

Monochromacy



Original Color

67.8370, 40.9994, 9.7900

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9200, 14.8294, 3.5782

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8370, 40.9994, 9.7900 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(79, 46, 151)` looks like.

```
.text, #text, p{  
    color:rgb(79, 46, 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(79, 46, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 46, 151) }
```

Border

The CSS property to change the border of an element to YUV 67.8370, 40.9994, 9.7900 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(79, 46, 151) }
```


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

```
.border{ border-color:rgb(79, 46, 151) }
```

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

Here you see how a box with a 4 pixel rgb(79, 46, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 46, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 46, 151);  
box-shadow:4px 4px 4px 4px rgb(79, 46,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 67.8370, 40.9994, 9.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 46, 151) }
```

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

```
.background{ background-color: rgb(79, 46,  
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](#).

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