

Converting Colors

YUV(96.4620, 39.7052, 4.8568)

Have a look what the booklet for
YUV(96.4620, 39.7052, 4.8568)
contains.

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Color

**YUV(96.4620, 39.7052,
4.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	664EB1
RGB	102, 78, 177
RGB Percent	40%, 31%, 69%
CMY	0.6000, 0.6941, 0.3059
CMYK	0.42, 0.56, 0.00, 0.31
HSL	255°, 39%, 50%
HSV	255°, 56%, 69%
XYZ	16.1397, 11.4479, 42.9540
YIQ	96.4620, -17.4750, 35.8770

Conversions

Conversions Part 2

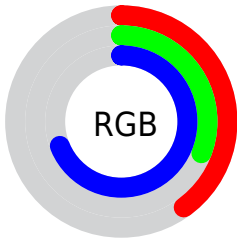
Format	Color
R_{YB}	102, 78, 177
Decimal	6704817
CIE _{Lab}	40.32, 34.10, -49.57
CIE _{LCh}	40, 60.166, 304.524
Yxy	11.4479, 0.2288, 0.1623
Android (android.graphics.Color)	4284894897 (0xFF664EB1)
YUV	96.4620, 39.7052, 4.8568
Hunter-Lab	33.8347, 25.9365, -51.5858

Details

The YUV color **96.4620, 39.7052, 4.8568** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **158.5380, -39.7052, -4.8568**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6410, 41.5890, 7.3308**, and **46.6740, 38.1217, -0.5911** is the 20% darker color. If you saturate the color by 10%, you get **82.0090, 46.8306, 6.1311**, and if you desaturate by 10%, it is **110.9150, 32.5799, 3.5825**.

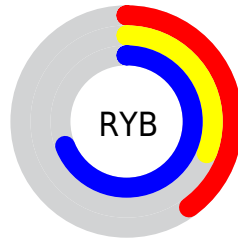
Distribution



Red (40%)

Green (31%)

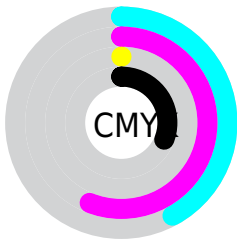
Blue (69%)



Red (40%)

Yellow (31%)

Blue (69%)

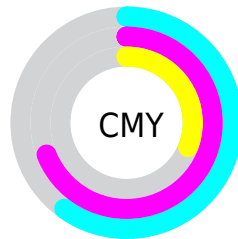


Cyan (42%)

Magenta (56%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (69%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4620, 39.7052, 4.8568 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 96.4620, 39.7052, 4.8568 by changing the saturation by 10% instead.

■ 96.4620, 39.7052,
4.8568

■ 96.4620, 39.7052,
4.8568

■ 255.0000, 0.0000,
0.0000

■ 71.8100, 38.5477,
2.7976

■ 148.6410, 41.5890,
7.3308

■ 46.6740, 38.1217,
-0.5911

■ 174.7830, 39.5470,
8.9603

■ 20.0320, 38.4382,
-8.7981

■ 199.3030, 27.4586,
12.8893

■ 8.4360, 32.3231,
-7.3984

■ 224.7090, 14.9335,
16.9182

■ 8.0480, 20.6823,
-7.0581

■ 244.4340, 5.2090,
9.2664

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 96.4620, 39.7052,
4.8568

■ 96.4620, 39.7052,
4.8568

■ 82.0090, 46.8306,
6.1311

■ 110.9150, 32.5799,
3.5825

■ 67.8440, 53.8139,
6.2758

■ 125.0800, 25.5966,
3.4378

■ 53.3910, 60.9392,
7.5501

■ 139.5330, 18.4712,
2.1636

■ 38.6390, 68.2120,
8.2096

■ 154.2850, 11.1985,
1.5041

■ 33.0350, 70.9747,
8.7393

■ 168.7380, 4.0732,
0.2298

■ 182.6040, -2.7628,
-0.5297

■ 197.3560,
-10.0355, -1.1892

■ 211.8090,
-17.1608, -2.4635

■ 225.9740,
-24.1442, -2.6082

Harmonies

Analogous

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



80.2290, 56.0891, -70.3608



96.4620, 39.7052, 4.8568



92.3240, 22.5183, 57.5979

Triad

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



96.4620, 39.7052, 4.8568



88.8640, -43.8100, 51.8623



79.6060, 10.5472, -69.8145

Complementary

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



96.4620, 39.7052, 4.8568



158.5380, -39.7052, -4.8568

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.



72.6180, -11.1507, -63.6860



96.4620, 39.7052, 4.8568



88.3560, -43.5595, 18.1048

Square

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



96.4620, 39.7052, 4.8568



86.1640, -21.7729, 77.0322



79.8520, -39.3670, -20.0412



85.1920, 31.9503, -74.7134

Rectangle

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



96.4620, 39.7052, 4.8568



85.2530, 10.2283, 79.5851



79.8520, -39.3670, -20.0412



77.6680, 3.1217, -68.1148

Sweetspot

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



96.4620, 39.7052, 4.8568



197.5500, 15.9979, 2.1487



133.8980, 21.2493, -49.0225



96.1170, 9.3093, 0.7744



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



96.4620, 39.7052, 4.8568



104.6190, 61.8128, 7.3501



111.1130, 32.4823, 34.9809



81.6240, 3.6364, 0.3298



28.5050, 61.3760, 7.4501



4.7580, 10.4723, 1.0892

Inverse Universe

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



116.1510, 18.1666, 53.3646



135.2700, 27.9679, 83.0782



143.8870, -32.4823, -34.9809



83.4890, 1.7309, 4.8331



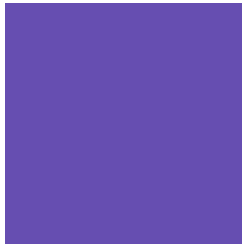
58.9710, 28.1153, 82.4634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 96.4620, 39.7052, 4.8568 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 96.4620, 39.7052, 4.8568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

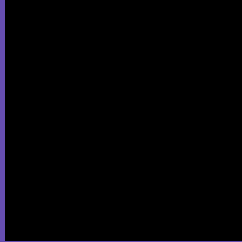
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4620, 39.7052, 4.8568

Background



This preview shows how black text looks on a background with the YUV color 96.4620, 39.7052, 4.8568.



This preview shows how white text looks on a background with the YUV color 96.4620, 39.7052,

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

96.4620, 39.7052, 4.8568

Protanopia

83.0680, 53.7035, -51.8026

Deuteranopia

76.4330, 46.6215, -67.0317



Tritanopia

94.0250, 5.4107, -8.7919

Trichromacy



Original Color

96.4620, 39.7052, 4.8568

Protanomaly

87.9350, 48.8390, -31.5150

Deuteranomaly

83.6150, 44.0668, -40.8814

Tritanomaly

94.9730, 17.7613, -3.4843

Monochromacy



Original Color

96.4620, 39.7052, 4.8568

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7950, 14.3981, 1.9338

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4620, 39.7052, 4.8568 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(102, 78, 177)` looks like.

```
.text, #text, p{  
    color:rgb(102, 78, 177)  
}
```

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(102, 78, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 78, 177) }
```

Border

The CSS property to change the border of an element to YUV 96.4620, 39.7052, 4.8568 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(102, 78, 177) }
```


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

```
.border{ border-color:rgb(102, 78, 177) }
```

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

Here you see how a box with a 4 pixel rgb(102, 78, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 78, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 78, 177);  
box-shadow:4px 4px 4px 4px rgb(102, 78,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 96.4620, 39.7052, 4.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 78, 177) }
```

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

```
.background{ background-color: rgb(102, 78,  
177) }
```

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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