

Converting Colors

YUV(97.9850, 36.4894, 9.6602)

Have a look what the booklet for
YUV(97.9850, 36.4894, 9.6602)
contains.

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Color

**YUV(97.9850, 36.4894,
9.6602)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4EAC
RGB	109, 78, 172
RGB Percent	43%, 31%, 67%
CMY	0.5725, 0.6941, 0.3255
CMYK	0.37, 0.55, 0.00, 0.33
HSL	260°, 38%, 49%
HSV	260°, 55%, 67%
XYZ	16.4775, 11.6785, 40.4155
YIQ	97.9850, -11.6980, 35.8060

Conversions

Conversions Part 2

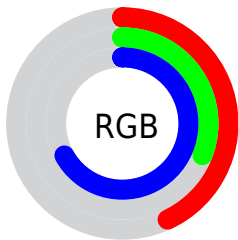
Format	Color
R_{YB}	109, 78, 172
Decimal	7163564
CIE _{Lab}	40.70, 34.40, -45.97
CIE _{LCh}	41, 57.418, 306.803
Yxy	11.6785, 0.2403, 0.1703
Android (android.graphics.Color)	4285353644 (0xFF6D4EAC)
YUV	97.9850, 36.4894, 9.6602
Hunter-Lab	34.1739, 26.2622, -46.1971

Details

The YUV color **97.9850, 36.4894, 9.6602** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **152.0150, -36.4894, -9.6602**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1640, 38.3731, 12.1342**, and **48.7950, 34.6111, 5.4418** is the 20% darker color. If you saturate the color by 10%, you get **84.4180, 43.1779, 11.0344**, and if you desaturate by 10%, it is **111.5520, 29.8009, 8.2859**.

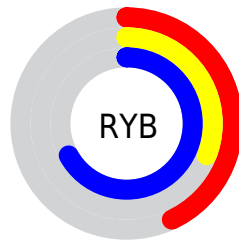
Distribution



Red (43%)

Green (31%)

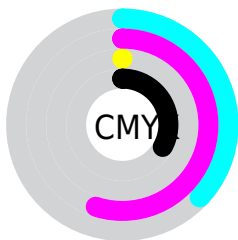
Blue (67%)



Red (43%)

Yellow (31%)

Blue (67%)

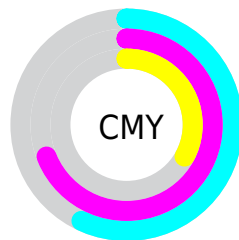


Cyan (37%)

Magenta (55%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9850, 36.4894, 9.6602 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 97.9850, 36.4894, 9.6602 by changing the saturation by 10% instead.

■ 97.9850, 36.4894,
9.6602

■ 97.9850, 36.4894,
9.6602

■ 255.0000, 0.0000,
0.0000

■ 72.7460, 35.6212,
8.1158

■ 150.1640, 38.3731,
12.1342

■ 48.7950, 34.6111,
5.4418

■ 176.8760, 38.5151,
13.2637

■ 24.0720, 34.4745,
2.5679

■ 201.3960, 26.4268,
17.1927

■ 7.9800, 30.5759,
-6.9985

■ 226.5030, 14.0490,
20.6069

■ 7.5920, 18.9351,
-6.6582

■ 245.0210, 4.9196,
8.7516

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 97.9850, 36.4894,
9.6602

■ 97.9850, 36.4894,
9.6602

■ 84.4180, 43.1779,
11.0344

■ 111.5520, 29.8009,
8.2859

■ 71.1500, 49.7190,
13.0234

■ 124.8200, 23.2597,
6.2969

■ 56.9960, 56.6970,
14.9125

■ 138.9740, 16.2818,
4.4078

■ 43.7280, 63.2381,
16.9015

■ 152.2420, 9.7407,
2.4188

■ 36.6510, 66.7271,
17.8461

■ 165.8090, 3.0522,
1.0445

■ 179.0770, -3.4890,
-0.9445

■ 192.6440,
-10.1775, -2.3188

■ 206.4990,
-17.0080, -4.8226

■ 220.0660,
-23.6965, -6.1969

Harmonies

Analogous

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



79.1860, 54.6313, -69.4461



97.9850, 36.4894, 9.6602



93.9280, 19.7555, 57.0681

Triad

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



97.9850, 36.4894, 9.6602



90.3150, -44.5253, 47.9587



80.7630, 12.4418, -70.8292

Complementary

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



97.9850, 36.4894, 9.6602



152.0150, -36.4894, -9.6602

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.



73.3020, -8.5299, -64.2859



97.9850, 36.4894, 9.6602



88.9320, -43.8435, 15.8456

Square

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



97.9850, 36.4894, 9.6602



88.7890, -23.0670, 72.0990



80.7270, -39.7984, -21.6856



85.3060, 32.3871, -74.8134

Rectangle

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



97.9850, 36.4894, 9.6602



88.1340, 7.3289, 76.1815



80.7270, -39.7984, -21.6856



78.2380, 5.3057, -68.6147

Sweetspot

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



97.9850, 36.4894, 9.6602



195.6920, 13.9558, 3.7781



126.2840, 22.5380, -42.3451



95.4870, 8.1409, 2.2039



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



97.9850, 36.4894, 9.6602



107.5230, 57.4232, 15.3273



111.7390, 29.7087, 37.9399



79.9230, 3.4890, 0.9445



32.0500, 58.1493, 15.7422



5.0140, 8.8671, 2.6187

Inverse Universe

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



113.2880, 13.6620, 51.4904



131.6520, 21.8636, 80.9892



138.2610, -29.7087, -37.9399



81.3750, 1.2941, 4.9331



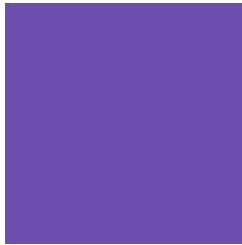
56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 97.9850, 36.4894, 9.6602 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 97.9850, 36.4894, 9.6602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

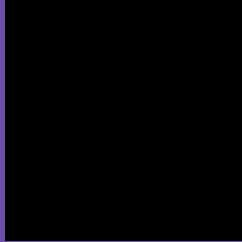
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9850, 36.4894, 9.6602

Background



This preview shows how black text looks on a background with the YUV color 97.9850, 36.4894, 9.6602.



This preview shows how white text looks on a background with the YUV color 97.9850, 36.4894,

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

97.9850, 36.4894, 9.6602

Protanopia

87.5700, 49.0190, -42.5959

Deuteranopia

87.1540, 39.8571, -43.9851



Tritanopia

96.2000, 3.3524, -1.9294

Trichromacy



Original Color

97.9850, 36.4894, 9.6602

Protanomaly

91.5400, 44.5968, -24.1526

Deuteranomaly

90.9330, 38.4870, -24.4972

Tritanomaly

96.4360, 15.5611, 2.2486

Monochromacy



Original Color

97.9850, 36.4894, 9.6602

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1650, 13.2297, 3.3633

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9850, 36.4894, 9.6602 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(109, 78, 172)` looks like.

```
.text, #text, p{  
    color:rgb(109, 78, 172)  
}
```

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(109, 78, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 78, 172) }
```

Border

The CSS property to change the border of an element to YUV 97.9850, 36.4894, 9.6602 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(109, 78, 172) }
```


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

```
.border{ border-color:rgb(109, 78, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 78, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 78, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 78, 172);  
box-shadow:4px 4px 4px 4px rgb(109, 78,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 97.9850, 36.4894, 9.6602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 78, 172) }
```

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

```
.background{ background-color: rgb(109, 78,  
172) }
```

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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