

Converting Colors

YUV(99.3890, 60.9402, 54.0328)

Have a look what the booklet for
YUV(99.3890, 60.9402, 54.0328)
contains.

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Color

**YUV(99.3890, 60.9402,
54.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	A12CDF
RGB	161, 44, 223
RGB Percent	63%, 17%, 87%
CMY	0.3686, 0.8275, 0.1255
CMYK	0.28, 0.80, 0.00, 0.13
HSL	279°, 74%, 52%
HSV	279°, 80%, 87%
XYZ	28.9179, 14.7061, 71.1265
YIQ	99.3890, 12.2730, 80.4730

Conversions

Conversions Part 2

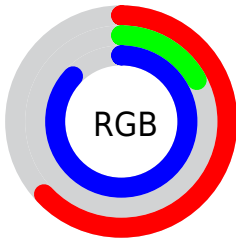
Format	Color
R _Y B	161, 44, 223
Decimal	10562783
CIE Lab	45.23, 72.37, -67.97
CIE LCh	45, 99.283, 316.797
Yxy	14.7061, 0.2520, 0.1282
Android (android.graphics.Color)	4288752863 (0xFFA12CDF)
YUV	99.3890, 60.9402, 54.0328
Hunter-Lab	38.3486, 67.4933, -83.1232

Details

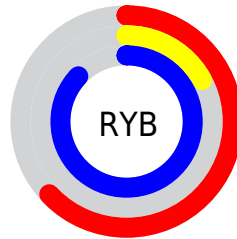
The YUV color **99.3890, 60.9402, 54.0328** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **167.6110, -60.9402, -54.0328**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1970, 48.7099, 56.8322**, and **49.5360, 57.9098, 46.0109** is the 20% darker color. If you saturate the color by 10%, you get **84.0830, 68.4861, 60.4402**, and if you desaturate by 10%, it is **114.6950, 53.3944, 47.6255**.

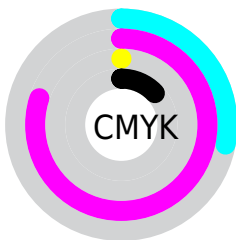
Distribution



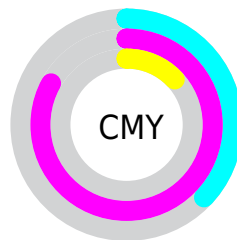
- Red (63%)
- Green (17%)
- Blue (87%)



- Red (63%)
- Yellow (17%)
- Blue (87%)



- Cyan (28%)
- Magenta (80%)
- Yellow (0%)
- Black (13%)



- Cyan (37%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3890, 60.9402, 54.0328 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 99.3890, 60.9402, 54.0328 by changing the saturation by 10% instead.

99.3890, 60.9402,
54.0328

99.3890, 60.9402,
54.0328

255.0000, 0.0000,
0.0000

61.5840, 65.2811,
61.7548

156.1970, 48.7099,
56.8322

49.5360, 57.9098,
46.0109

182.1900, 35.8953,
60.3464

37.6730, 49.9542,
30.9818

199.8220, 27.2028,
48.3911

25.1410, 43.3145,
13.9083

216.8450, 18.8104,
33.4619

10.0320, 38.4382,
-8.7981

233.8680, 10.4181,
18.5328

7.1820, 27.5183,
-6.2986

251.4780, 1.7363,

6.3210, 16.6037,

3.0888

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 99.3890, 60.9402,
54.0328

■ 99.3890, 60.9402,
54.0328

■ 84.0830, 68.4861,
60.4402

■ 114.6950, 53.3944,
47.6255

■ 69.0760, 75.8845,
67.4623

■ 130.2890, 45.7065,
40.0885

■ 145.5950, 38.1607,
33.6812

■ 160.9010, 30.6148,
27.2738

■ 176.2070, 23.0689,
20.8665

■ 191.8010, 15.3811,
13.3295

■ 207.1070, 7.8352,
6.9222

■ 222.4130, 0.2894,
0.5148

■ 238.3060, -7.5459,
-6.4074

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



99.3890, 60.9402, 54.0328



85.2290, 30.4531, 126.0872

Triad

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



99.3890, 60.9402, 54.0328



100.9690, -49.7777, 52.6472



98.4480, 26.8941, -86.3389

Complementary

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



99.3890, 60.9402, 54.0328



167.6110, -60.9402, -54.0328

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.



87.3560, -10.5285, -76.6112



99.3890, 60.9402, 54.0328



95.2790, -46.9725, -7.2607

Square

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



99.3890, 60.9402, 54.0328



75.1390, -37.0435, 121.7811



76.3100, -37.6208, -66.9239



107.1120, 60.0908, -93.9372

Rectangle

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



99.3890, 60.9402, 54.0328



82.9600, 4.9497, 139.4781



76.3100, -37.6208, -66.9239



94.6690, 14.9532, -83.0247

Sweetspot

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



99.3890, 60.9402, 54.0328



212.9140, 20.7484, 18.4924



101.3870, 59.9552, -50.3284



102.3940, 12.6238, 11.0555



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.



99.3890, 60.9402, 54.0328



85.7700, 83.4304, 73.8697



114.8490, 40.0074, 94.8484



104.3470, 3.7729, 3.2037



54.4490, 59.9246, 53.1032



15.0400, 16.2493, 14.8739

Inverse Universe

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



104.5890, 0.6956, 103.8464



92.9450, 1.0131, 142.1222



152.1510, -40.0074, -94.8484



104.7450, 0.1257, 6.3626



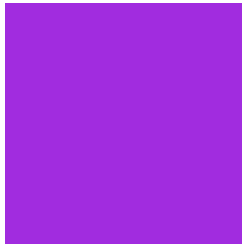
59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 99.3890, 60.9402, 54.0328 looks on a white background.

Color Contrast Check

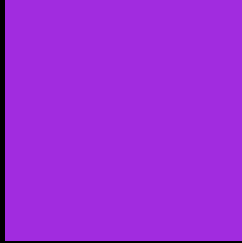
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3890, 60.9402, 54.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

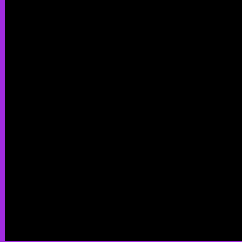
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3890, 60.9402, 54.0328

Background



This preview shows how black text looks on a background with the YUV color 99.3890, 60.9402, 54.0328.



This preview shows how white text looks on a background with the YUV color 99.3890, 60.9402,

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

99.3890, 60.9402, 54.0328

Protanopia

86.0140, 65.5621, -75.4343

Tritanopia

108.8510, -3.8705, 28.1947

Trichromacy



Original Color

99.3890, 60.9402, 54.0328



Protanomaly

90.8550, 63.6685, -27.9368



Tritanomaly

105.3940, 19.5258, 37.3655

Monochromacy



Original Color

99.3890, 60.9402, 54.0328



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.2670, 22.0534, 19.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3890, 60.9402, 54.0328 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(161, 44, 223)` looks like.

```
.text, #text, p{  
    color:rgb(161, 44, 223)  
}
```

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(161, 44, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 44, 223) }
```

Border

The CSS property to change the border of an element to YUV 99.3890, 60.9402, 54.0328 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(161, 44, 223) }
```

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

```
.border{ border-color:rgb(161, 44, 223) }
```

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

Here you see how a box with a 4 pixel rgb(161, 44, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 44, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 44, 223);  
box-shadow:4px 4px 4px 4px rgb(161, 44,  
223) }
```


Background

The CSS property to change the background color of an element to YUV 99.3890, 60.9402, 54.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 44, 223) }
```

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

```
.background{ background-color: rgb(161, 44,  
223) }
```

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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