

Converting Colors

YUV(89.6930, 39.5914, 41.4882)

Have a look what the booklet for
YUV(89.6930, 39.5914, 41.4882)
contains.

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Color

**YUV(89.6930, 39.5914,
41.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	8932AA
RGB	137, 50, 170
RGB Percent	54%, 20%, 67%
CMY	0.4627, 0.8039, 0.3333
CMYK	0.19, 0.71, 0.00, 0.33
HSL	284°, 55%, 43%
HSV	284°, 71%, 67%
XYZ	18.7128, 10.5018, 39.0710
YIQ	89.6930, 13.3320, 55.7640

Conversions

Conversions Part 2

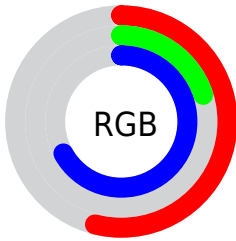
Format	Color
R_{YB}	137, 50, 170
Decimal	8991402
CIE _{Lab}	38.73, 54.97, -47.76
CIE _{LCh}	39, 72.825, 319.015
Yxy	10.5018, 0.2740, 0.1538
Android (android.graphics.Color)	4287181482 (0xFF8932AA)
YUV	89.6930, 39.5914, 41.4882
Hunter-Lab	32.4066, 46.3615, -48.7985

Details

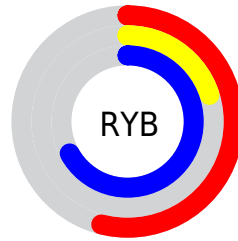
The YUV color **89.6930, 39.5914, 41.4882** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.3070, -39.5914, -41.4882**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8180, 40.0227, 43.1326**, and **37.8560, 39.0180, 38.7143** is the 20% darker color. If you saturate the color by 10%, you get **78.2190, 45.2480, 47.1659**, and if you desaturate by 10%, it is **101.1670, 33.9347, 35.8105**.

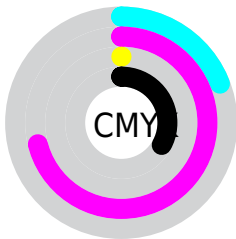
Distribution



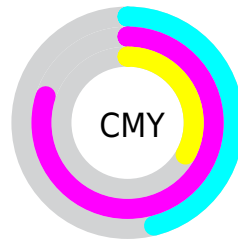
- Red (54%)
- Green (20%)
- Blue (67%)



- Red (54%)
- Yellow (20%)
- Blue (67%)



- Cyan (19%)
- Magenta (71%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6930, 39.5914, 41.4882 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 89.6930, 39.5914, 41.4882 by changing the saturation by 10% instead.

89.6930, 39.5914,
41.4882

89.6930, 39.5914,
41.4882

255.0000, 0.0000,
0.0000

60.3450, 40.7489,
43.5474

144.8180, 40.0227,
43.1326

37.8560, 39.0180,
38.7143

172.6440, 40.6015,
44.1622

27.2320, 31.9306,
25.2295

197.1640, 28.5131,
48.0912

17.3200, 24.9852,
12.8744

214.4970, 19.9680,
35.5211

5.0160, 19.2191,
-4.3990

231.5200, 11.5756,
20.5920

3.0950, 9.3202,
-2.7143

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 89.6930, 39.5914,
41.4882

■ 89.6930, 39.5914,
41.4882

■ 78.2190, 45.2480,
47.1659

■ 101.1670, 33.9347,
35.8105

■ 67.0440, 50.7573,
53.4584

■ 112.3420, 28.4254,
29.5181

■ 56.1570, 56.1246,
58.6213

■ 123.8160, 22.7687,
23.8404

■ 135.2900, 17.1120,
18.1627

■ 146.4650, 11.6028,
11.8702

■ 157.9390, 5.9461,
6.1925

■ 169.4130, 0.2894,
0.5148

■ 180.5880, -5.2199,
-5.7777

■ 192.0620,
-10.8766, -11.4554

Harmonies

Analogous

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



73.8520, 64.6560, -64.7682



89.6930, 39.5914, 41.4882



67.6420, 23.8405, 100.2920

Triad

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



89.6930, 39.5914, 41.4882



86.4170, -42.6036, 38.2223



82.0970, 22.6302, -71.9991

Complementary

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



89.6930, 39.5914, 41.4882



130.3070, -39.5914, -41.4882

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.



74.5560, -3.7251, -65.3856



89.6930, 39.5914, 41.4882



81.7230, -40.2894, -4.1421

Square

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



89.6930, 39.5914, 41.4882



78.7070, -38.8026, 79.1870



63.9830, -31.5436, -56.1131



87.5520, 46.0699, -76.7831

Rectangle

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



89.6930, 39.5914, 41.4882



65.7730, 5.0419, 109.8241



63.9830, -31.5436, -56.1131



79.8170, 13.8942, -69.9995

Sweetspot

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



89.6930, 39.5914, 41.4882



190.5240, 15.5177, 16.2035



83.6380, 42.5765, -29.5005



93.1720, 9.2822, 9.4962



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.



89.6930, 39.5914, 41.4882



95.5090, 62.3601, 65.3286



96.5960, 23.3702, 64.3753



78.7060, 2.6099, 2.8888



48.8650, 48.8736, 50.9844



6.7650, 6.5249, 7.2221

Inverse Universe

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



89.6420, -3.2745, 70.4740



95.4390, -5.1464, 110.9940



123.4040, -23.3702, -64.3753



78.6200, -0.3057, 4.7183



48.9260, -3.9075, 86.8879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 89.6930, 39.5914, 41.4882 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 89.6930, 39.5914, 41.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

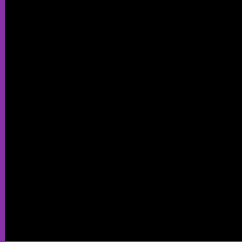
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6930, 39.5914, 41.4882

Background



This preview shows how black text looks on a background with the YUV color 89.6930, 39.5914, 41.4882.



This preview shows how white text looks on a background with the YUV color 89.6930, 39.5914,

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

89.6930, 39.5914, 41.4882

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

81.7300, 39.5731, -46.2442



Tritanopia

93.1390, -4.0125, 27.0651

Trichromacy



Original Color

89.6930, 39.5914, 41.4882



Protanomaly

79.6090, 49.9858, -25.9671



Deuteranomaly

84.3410, 39.7649, -14.3311



Tritanomaly

91.7110, 11.9745, 32.7025

Monochromacy



Original Color

89.6930, 39.5914, 41.4882



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.5840, 14.5021, 15.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6930, 39.5914, 41.4882 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(137, 50, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 50, 170)  
}
```

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(137, 50, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 50, 170) }
```

Border

The CSS property to change the border of an element to YUV 89.6930, 39.5914, 41.4882 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(137, 50, 170) }
```


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

```
.border{ border-color:rgb(137, 50, 170) }
```

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

Here you see how a box with a 4 pixel rgb(137, 50, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 50, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 50, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 50,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 89.6930, 39.5914, 41.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 50, 170) }
```

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

```
.background{ background-color: rgb(137, 50,  
170) }
```

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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