

Converting Colors

YUV(89.9140, 7.4374, 41.2944)

Have a look what the booklet for
YUV(89.9140, 7.4374, 41.2944)
contains.

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Color

**YUV(89.9140, 7.4374,
41.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	893F69
RGB	137, 63, 105
RGB Percent	54%, 25%, 41%
CMY	0.4627, 0.7529, 0.5882
CMYK	0.00, 0.54, 0.23, 0.46
HSL	326°, 37%, 39%
HSV	326°, 54%, 54%
XYZ	14.6438, 9.8933, 14.5024
YIQ	89.9140, 30.6220, 28.7500

Conversions

Conversions Part 2

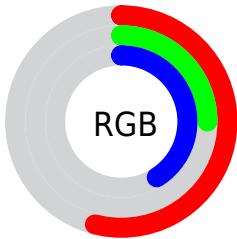
Format	Color
R_{YB}	137, 63, 105
Decimal	8994665
CIE _{Lab}	37.65, 36.79, -9.64
CIE _{LCh}	38, 38.036, 345.321
Yxy	9.8933, 0.3751, 0.2534
Android (android.graphics.Color)	4287184745 (0xFF893F69)
YUV	89.9140, 7.4374, 41.2944
Hunter-Lab	31.4536, 28.0603, -5.3194

Details

The YUV color **89.9140, 7.4374, 41.2944** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.0860, -7.4374, -41.2944**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1100, 6.8478, 43.7535**, and **38.1850, 9.7688, 40.1798** is the 20% darker color. If you saturate the color by 10%, you get **81.0120, 8.8681, 49.1015**, and if you desaturate by 10%, it is **98.8160, 6.0067, 33.4874**.

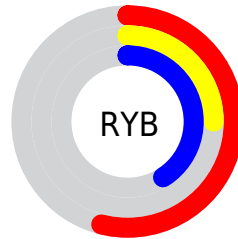
Distribution



Red (54%)

Green (25%)

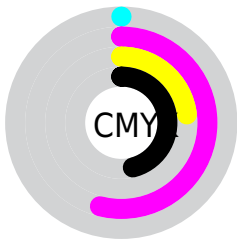
Blue (41%)



Red (54%)

Yellow (25%)

Blue (41%)

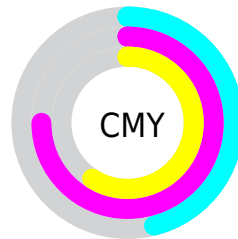


Cyan (0%)

Magenta (54%)

Yellow (23%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9140, 7.4374, 41.2944 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 89.9140, 7.4374, 41.2944 by changing the saturation by 10% instead.

89.9140, 7.4374,
41.2944

89.9140, 7.4374,
41.2944

255.0000, 0.0000,
0.0000

64.4300, 8.1690,
39.9649

142.1100, 6.8478,
43.7535

38.1850, 9.7688,
40.1798

169.1210, 6.8423,
45.4979

21.7450, 7.0277,
32.6726

196.8330, 6.9843,
46.6275

12.9580, 0.5137,
21.9618

217.9560, 10.3747,
32.4876

0.0000, 0.0000,
0.0000

236.2160, 9.2605,
16.4736

253.2390, 0.8682,

1.5444

■ 89.9140, 7.4374,
41.2944

■ 89.9140, 7.4374,
41.2944

■ 81.0120, 8.8681,
49.1015

■ 98.8160, 6.0067,
33.4874

■ 72.6970, 10.0094,
56.3937

■ 107.1310, 4.8654,
26.1951

■ 63.7950, 11.4401,
64.2008

■ 116.0330, 3.4347,
18.3881

■ 54.8930, 12.8708,
72.0078

■ 124.9350, 2.0040,
10.5810

■ 49.8550, 13.8755,
76.4262

■ 133.8370, 0.5734,
2.7740

■ 142.1520, -0.5679,
-4.5183

■ 150.9400, -2.4354,
-12.2254

■ 159.8420, -3.8661,
-20.0324

■ 168.1570, -5.0074,
-27.3247

Harmonies

Analogous

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



91.6750, 19.8802, 16.9480



89.9140, 7.4374, 41.2944



87.5980, -6.7038, 50.3416

Triad

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



89.9140, 7.4374, 41.2944



83.6500, -29.4075, 5.5689



74.9220, 28.1395, -65.7066

Complementary

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



89.9140, 7.4374, 41.2944



110.0860, -7.4374, -41.2944

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.



72.9040, 15.3303, -63.9368



89.9140, 7.4374, 41.2944



79.4600, -17.9748, -21.4514

Square

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



89.9140, 7.4374, 41.2944



86.3800, -29.7673, 27.7307



68.6690, 1.6422, -60.2227



73.2240, 36.8646, -64.2174

Rectangle

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



89.9140, 7.4374, 41.2944



87.4700, -16.0077, 47.8228



68.6690, 1.6422, -60.2227



74.4830, 23.9189, -65.3216

Sweetspot

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



89.9140, 7.4374, 41.2944



160.4950, 2.7140, 16.2289



80.7050, 27.7534, 11.6597



78.2230, 1.8621, 9.4514



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



89.9140, 7.4374, 41.2944



104.5070, 11.5820, 65.3304



85.8100, -8.2873, 44.8936



64.5490, 0.7153, 3.9035



48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Inverse Universe

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



89.9140, 7.4374, 41.2944



104.5070, 11.5820, 65.3304



114.1900, 8.2873, -44.8936



64.5490, 0.7153, 3.9035



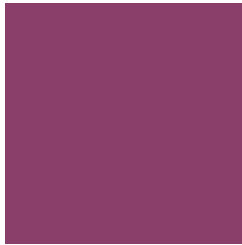
48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 89.9140, 7.4374, 41.2944 looks on a white background.

Color Contrast Check

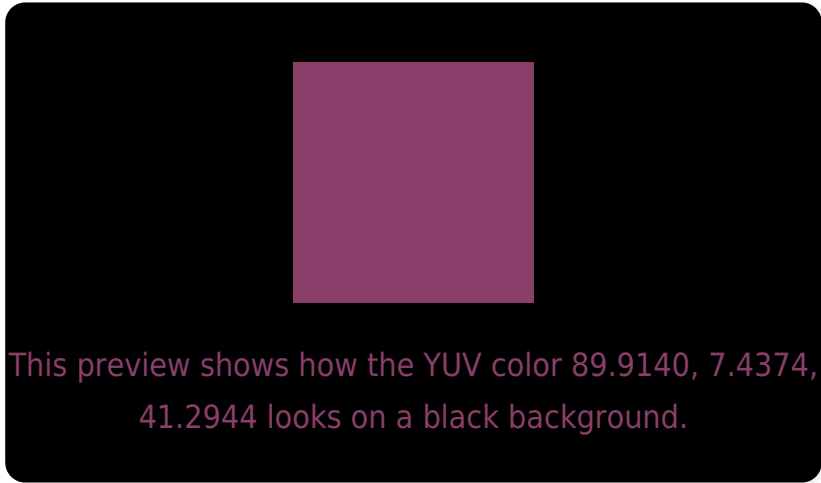
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

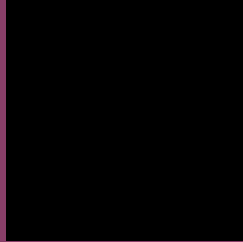
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9140, 7.4374, 41.2944

Background



This preview shows how black text looks on a background with the YUV color 89.9140, 7.4374, 41.2944.



This preview shows how white text looks on a background with the YUV color 89.9140, 7.4374,

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

89.9140, 7.4374, 41.2944

Protanopia

89.2990, 16.6146, -9.0322

Deuteranopia

90.0910, 5.3781, 1.6742



Tritanopia

89.7060, -7.2501, 38.8458

Trichromacy



Original Color

89.9140, 7.4374, 41.2944

Protanomaly

89.4970, 13.0660, 9.2111

Deuteranomaly

89.7060, 6.0609, 16.0438

Tritanomaly

89.4980, -1.7245, 39.9053

Monochromacy



Original Color

89.9140, 7.4374, 41.2944

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7830, 2.5720, 15.0993

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9140, 7.4374, 41.2944 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, 63, 105)` looks like.

```
.text, #text, p{  
    color:rgb(137, 63, 105)  
}
```

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, 63, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 63, 105) }
```

Border

The CSS property to change the border of an element to YUV 89.9140, 7.4374, 41.2944 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, 63, 105) }
```


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

```
.border{ border-color:rgb(137, 63, 105) }
```

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

Here you see how a box with a 4 pixel rgb(137, 63, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 63, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 63, 105);  
box-shadow:4px 4px 4px 4px rgb(137, 63,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 89.9140, 7.4374, 41.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 63, 105) }
```

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

```
.background{ background-color: rgb(137, 63,  
105) }
```

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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