

Converting Colors

YUV(89.8000, 3.5496, 28.2394)

Have a look what the booklet for
YUV(89.8000, 3.5496, 28.2394)
contains.

YUV(89.8000, 3.5496, 28.2394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.8000, 3.5496,
28.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4861
RGB	122, 72, 97
RGB Percent	48%, 28%, 38%
CMY	0.5216, 0.7176, 0.6196
CMYK	0.00, 0.41, 0.20, 0.52
HSL	330°, 26%, 38%
HSV	330°, 41%, 48%
XYZ	12.5011, 9.6354, 12.5102
YIQ	89.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

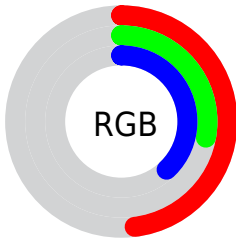
Format	Color
R_{YB}	122, 72, 97
Decimal	8013921
CIE _{Lab}	37.18, 25.05, -5.54
CIE _{LCh}	37, 25.658, 347.531
Yxy	9.6354, 0.3608, 0.2781
Android (android.graphics.Color)	4286204001 (0xFF7A4861)
YUV	89.8000, 3.5496, 28.2394
Hunter-Lab	31.0409, 17.5656, -2.1666

Details

The YUV color **89.8000, 3.5496, 28.2394** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.2000, -3.5496, -28.2394**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1100, 3.3968, 30.5985**, and **42.6040, 4.1392, 25.7803** is the 20% darker color. If you saturate the color by 10%, you get **82.0720, 4.4015, 35.0169**, and if you desaturate by 10%, it is **97.5280, 2.6977, 21.4619**.

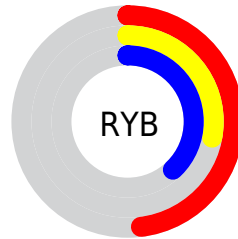
Distribution



Red (48%)

Green (28%)

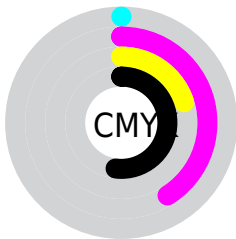
Blue (38%)



Red (48%)

Yellow (28%)

Blue (38%)

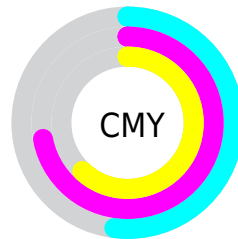


Cyan (0%)

Magenta (41%)

Yellow (20%)

Black (52%)



Cyan (52%)

Magenta (72%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8000, 3.5496, 28.2394 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 89.8000, 3.5496, 28.2394 by changing the saturation by 10% instead.

89.8000, 3.5496,
28.2394

89.8000, 3.5496,
28.2394

255.0000, 0.0000,
0.0000

65.7890, 3.5550,
26.4950

141.1100, 3.3968,
30.5985

42.6040, 4.1392,
25.7803

167.4090, 3.2494,
31.2133

20.1200, 4.8708,
24.4508

194.5340, 3.6807,
32.8577

7.7030, -2.8116,
15.1695

221.0390, 4.4178,
29.7838

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

■ 89.8000, 3.5496,
28.2394

■ 89.8000, 3.5496,
28.2394

■ 82.0720, 4.4015,
35.0169

■ 97.5280, 2.6977,
21.4619

■ 74.3440, 5.2534,
41.7943

■ 105.2560, 1.8458,
14.6845

■ 66.0290, 6.3947,
49.0866

■ 113.5710, 0.7045,
7.3922

■ 58.3010, 7.2466,
55.8640

■ 121.2990, -0.1474,
0.6148

■ 50.5730, 8.0985,
62.6415

■ 129.0270, -0.9993,
-6.1627

■ 43.4320, 8.6610,
68.9041

■ 136.8690, -1.4144,
-13.0401

■ 144.5970, -2.2663,
-19.8176

■ 152.9120, -3.4076,

-27.1098

■ 160.6400, -4.2595,
-33.8873

Harmonies

Analogous

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



90.4050, 12.6183, 12.7998



89.8000, 3.5496, 28.2394



88.3140, -6.0708, 33.9276

Triad

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



89.8000, 3.5496, 28.2394



84.7990, -18.6349, 3.6843



70.2770, 23.0344, -61.6329

Complementary

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



89.8000, 3.5496, 28.2394



104.2000, -3.5496, -28.2394

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.



68.8120, 14.8827, -60.3481



89.8000, 3.5496, 28.2394



81.9260, -11.3025, -14.8441

Square

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



89.8000, 3.5496, 28.2394



86.3710, -19.4099, 18.9686



77.4810, 0.2559, -35.5018



79.8440, 23.2479, -36.6972

Rectangle

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



89.8000, 3.5496, 28.2394



87.9950, -12.3225, 32.4534



77.4810, 0.2559, -35.5018



69.7070, 20.8504, -61.1330

Sweetspot

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



89.8000, 3.5496, 28.2394



145.8210, 1.5672, 10.6810



85.1750, 18.1547, 10.3705



71.9730, 0.9993, 6.1627



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.8000, 3.5496, 28.2394



108.3550, 5.2480, 43.5387



86.9500, -7.3703, 30.7389



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Inverse Universe

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



89.8000, 3.5496, 28.2394



108.3550, 5.2480, 43.5387



107.0500, 7.3704, -30.7388



57.1360, 0.4260, 3.3887



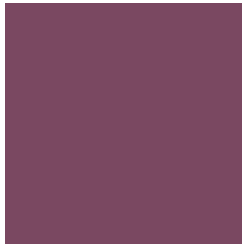
44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Previews

White Background



This preview shows how the YUV color 89.8000, 3.5496, 28.2394 looks on a white background.

Color Contrast Check

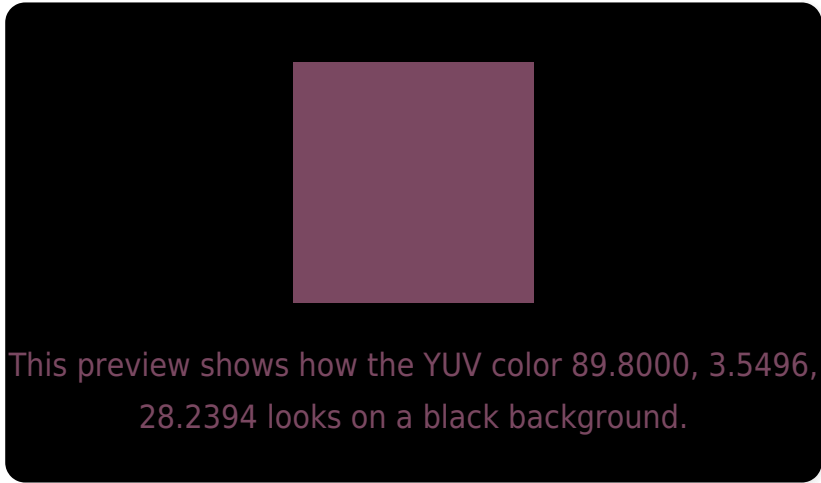
Large Text (above 18pt) WCAG AA ✓ Pass

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

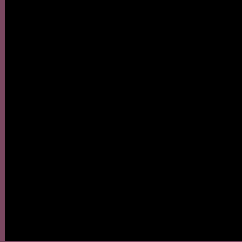
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8000, 3.5496, 28.2394

Background



This preview shows how black text looks on a background with the YUV color 89.8000, 3.5496, 28.2394.



This preview shows how white text looks on a background with the YUV color 89.8000, 3.5496,

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

89.8000, 3.5496, 28.2394

Protanopia

88.3830, 9.1782, -3.8439

Deuteranopia

88.5320, 3.1887, 3.9184



Tritanopia

89.1390, -4.0125, 27.0651

Trichromacy



Original Color

89.8000, 3.5496, 28.2394

Protanomaly

89.1780, 6.8142, 7.7369

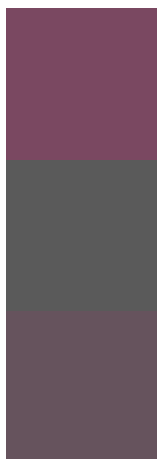
Deuteranomaly

89.0000, 3.4510, 13.1550

Tritanomaly

89.5350, -1.2498, 27.5948

Monochromacy



Original Color

89.8000, 3.5496, 28.2394

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8210, 1.5672, 10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8000, 3.5496, 28.2394 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(122, 72, 97)` looks like.

```
.text, #text, p{  
    color:rgb(122, 72, 97)  
}
```

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(122, 72, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 72, 97) }
```

Border

The CSS property to change the border of an element to YUV 89.8000, 3.5496, 28.2394 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(122, 72, 97) }
```


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

```
.border{ border-color:rgb(122, 72, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 72, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 72, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 72, 97);  
box-shadow:4px 4px 4px 4px rgb(122, 72,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 89.8000, 3.5496, 28.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 72, 97) }
```

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

```
.background{ background-color: rgb(122, 72,  
97) }
```

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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