

Converting Colors

YUV(81.1450, 3.8725, 64.7708)

Have a look what the booklet for
YUV(81.1450, 3.8725, 64.7708)
contains.

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Color

**YUV(81.1450, 3.8725,
64.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2A59
RGB	155, 42, 89
RGB Percent	61%, 16%, 35%
CMY	0.3922, 0.8353, 0.6510
CMYK	0.00, 0.73, 0.43, 0.39
HSL	335°, 57%, 39%
HSV	335°, 73%, 61%
XYZ	16.1487, 9.3458, 10.4040
YIQ	81.1450, 52.2610, 38.5730

Conversions

Conversions Part 2

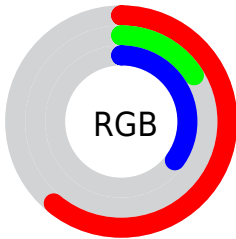
Format	Color
RYB	155, 42, 89
Decimal	10168921
CIELab	36.64, 50.03, -0.67
CIElCh	37, 50.031, 359.229
Yxy	9.3458, 0.4498, 0.2603
Android (android.graphics.Color)	4288359001 (0xFF9B2A59)
YUV	81.1450, 3.8725, 64.7708
Hunter-Lab	30.5708, 40.7917, 1.2218

Details

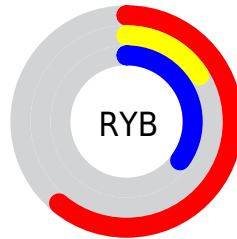
The YUV color **81.1450, 3.8725, 64.7708** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.8550, -3.8725, -64.7708**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4720, 1.2463, 67.1151**, and **34.6170, 4.6258, 56.4639** is the 20% darker color. If you saturate the color by 10%, you get **70.7270, 4.5716, 73.9074**, and if you desaturate by 10%, it is **90.9760, 3.4628, 56.1490**.

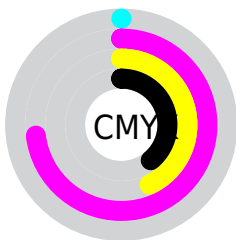
Distribution



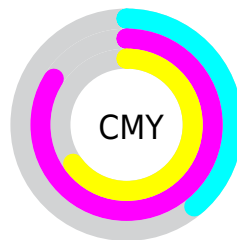
- Red (61%)
- Green (16%)
- Blue (35%)



- Red (61%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (73%)
- Yellow (43%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1450, 3.8725, 64.7708 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 81.1450, 3.8725, 64.7708 by changing the saturation by 10% instead.

81.1450, 3.8725,
64.7708

81.1450, 3.8725,
64.7708

255.0000, 0.0000,
0.0000

47.8450, 8.9504,
69.4189

136.4720, 1.2463,
67.1151

34.6170, 4.6258,
56.4639

164.2550, 0.3673,
69.0594

23.8510, -0.4195,
41.3497

186.7700, 2.5784,
59.8377

14.2810, -6.0545,
28.6946

206.3980, 6.7058,
42.6240

0.0000, 0.0000,
0.0000

226.7270, 10.9806,
24.7954

244.4340, 5.2090,

9.2664

■ 81.1450, 3.8725,
64.7708

■ 81.1450, 3.8725,
64.7708

■ 70.7270, 4.5716,
73.9074

■ 90.9760, 3.4628,
56.1490

■ 60.8960, 4.9813,
82.5292

■ 101.3940, 2.7638,
47.0125

■ 53.6410, 5.1070,
88.8918

■ 111.2250, 2.3541,
38.3907

■ 121.6430, 1.6550,
29.2541

■ 132.0610, 0.9559,
20.1175

■ 141.8920, 0.5462,
11.4957

■ 151.7230, 0.1366,
2.8739

■ 162.1410, -0.5625,
-6.2627

■ 171.9720, -0.9722,
-14.8844

Harmonies

Analogous

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



87.2310, 20.0991, 40.1394



81.1450, 3.8725, 64.7708



80.5090, -15.0409, 64.4516

Triad

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



81.1450, 3.8725, 64.7708



75.4990, -37.2210, -8.3306



76.3700, 38.7646, -66.9765

Complementary

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



81.1450, 3.8725, 64.7708



115.8550, -3.8725, -64.7708

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.



75.2980, 24.5031, -66.0363



81.1450, 3.8725, 64.7708



64.0750, -10.8830, -56.1938

Square

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



81.1450, 3.8725, 64.7708



80.7030, -39.7866, 21.3085



70.6240, 6.5944, -61.9372



72.4550, 46.6107, -63.5430

Rectangle

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



81.1450, 3.8725, 64.7708



81.7130, -27.9595, 54.6257



70.6240, 6.5944, -61.9372



76.6320, 34.6914, -67.2063

Sweetspot

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



81.1450, 3.8725, 64.7708



172.3220, 1.8133, 25.1506



74.6160, 39.6293, 29.2778



84.4410, 1.2616, 15.3992



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



81.1450, 3.8725, 64.7708



86.6470, 6.0900, 100.2876



81.0700, -19.2615, 64.8366



71.7340, 0.1311, 4.6183



48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Inverse Universe

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



81.1450, 3.8725, 64.7708



86.6470, 6.0900, 100.2876



115.9300, 19.2615, -64.8366



71.7340, 0.1311, 4.6183



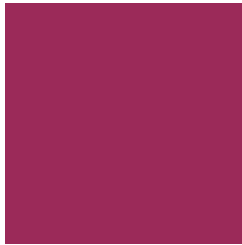
48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 81.1450, 3.8725, 64.7708 looks on a white background.

Color Contrast Check

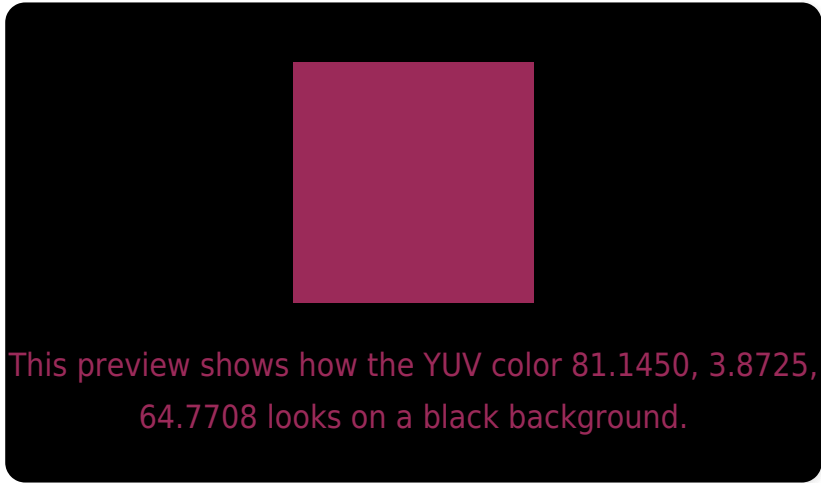
Large Text (above 18pt) WCAG AA ✓ Pass

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

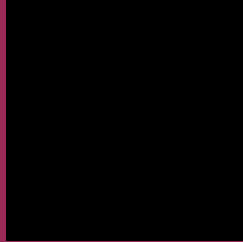
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1450, 3.8725, 64.7708

Background



This preview shows how black text looks on a background with the YUV color 81.1450, 3.8725, 64.7708.



This preview shows how white text looks on a background with the YUV color 81.1450, 3.8725,

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

81.1450, 3.8725, 64.7708

Protanopia

87.3270, 14.1358, -7.3028

Deuteranopia

87.7730, -2.3531, 8.0921



Tritanopia

81.8400, -13.7251, 62.4073

Trichromacy



Original Color

81.1450, 3.8725, 64.7708

Protanomaly

85.1670, 10.2707, 19.1475

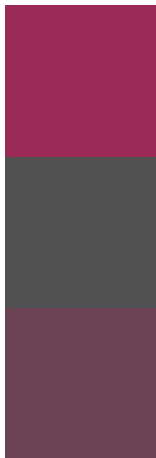
Deuteranomaly

85.4750, -0.2342, 28.5244

Tritanomaly

81.8600, -7.3260, 63.2668

Monochromacy



Original Color

81.1450, 3.8725, 64.7708

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1970, 1.3819, 23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1450, 3.8725, 64.7708 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(155, 42, 89)` looks like.

```
.text, #text, p{  
    color:rgb(155, 42, 89)  
}
```

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(155, 42, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 42, 89) }
```

Border

The CSS property to change the border of an element to YUV 81.1450, 3.8725, 64.7708 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(155, 42, 89) }
```


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

```
.border{ border-color:rgb(155, 42, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 42, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 42, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 42, 89);  
box-shadow:4px 4px 4px 4px rgb(155, 42,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 81.1450, 3.8725, 64.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 42, 89) }
```

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

```
.background{ background-color: rgb(155, 42,  
89) }
```

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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