

Converting Colors

YUV(79.2800, 2.3270, 47.1124)

Have a look what the booklet for
YUV(79.2800, 2.3270, 47.1124)
contains.

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Color

**YUV(79.2800, 2.3270,
47.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	853354
RGB	133, 51, 84
RGB Percent	52%, 20%, 33%
CMY	0.4784, 0.8000, 0.6706
CMYK	0.00, 0.62, 0.37, 0.48
HSL	336°, 45%, 36%
HSV	336°, 62%, 52%
XYZ	12.4569, 7.9943, 9.2740
YIQ	79.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

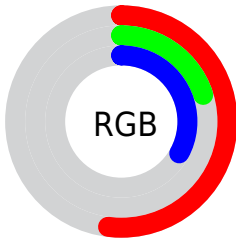
Format	Color
R_{YB}	133, 51, 84
Decimal	8729428
CIE _{Lab}	33.97, 38.58, -1.84
CIE _{LCh}	34, 38.628, 357.270
Yxy	7.9943, 0.4191, 0.2689
Android (android.graphics.Color)	4286919508 (0xFF853354)
YUV	79.2800, 2.3270, 47.1124
Hunter-Lab	28.2742, 29.1630, 0.3446

Details

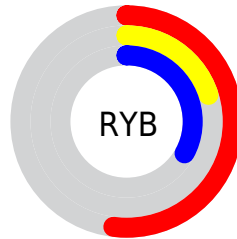
The YUV color **79.2800, 2.3270, 47.1124** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **104.7200, -2.3270, -47.1124**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5470, 0.7163, 50.3863**, and **28.3660, 5.2426, 45.2830** is the 20% darker color. If you saturate the color by 10%, you get **70.7370, 2.5947, 54.6047**, and if you desaturate by 10%, it is **87.8230, 2.0593, 39.6202**.

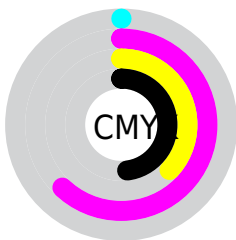
Distribution



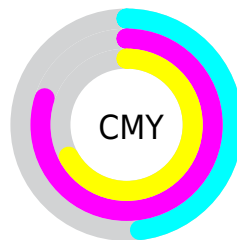
- Red (52%)
- Green (20%)
- Blue (33%)



- Red (52%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (48%)




- Cyan (48%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.2800, 2.3270, 47.1124 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 79.2800, 2.3270, 47.1124 by changing the saturation by 10% instead.


 79.2800, 2.3270,
47.1124

 79.2800, 2.3270,
47.1124


255.0000, 0.0000,
0.0000


 53.3230, 3.7848,
46.1977


 131.5470, 0.7163,
50.3863


 28.3660, 5.2426,
45.2830

 158.5580, 0.7109,
52.1306


 18.6110, 0.1918,
31.9132

 186.1560, 0.4161,
53.3602

 7.5890, -3.2484,
15.2694

 207.4750, 3.2168,
41.6794

 0.0000, 0.0000,
0.0000

 227.2170, 7.7810,
24.3657

 245.6080, 4.6303,

■ 79.2800, 2.3270,
47.1124

■ 79.2800, 2.3270,
47.1124

■ 70.7370, 2.5947,
54.6047

■ 87.8230, 2.0593,
39.6202

■ 61.6070, 3.1517,
62.6117

■ 96.9530, 1.5022,
31.6132

■ 53.0640, 3.4194,
70.1039

■ 105.4960, 1.2345,
24.1210

■ 45.9230, 3.9820,
76.3665

■ 114.0390, 0.9668,
16.6288

■ 123.1690, 0.4097,
8.6218

■ 131.7120, 0.1420,
1.1296

■ 140.2550, -0.1257,
-6.3626

■ 148.7980, -0.3934,
-13.8548

■ 157.9280, -0.9505,
-21.8619

Harmonies

Analogous

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



82.1880, 15.1903, 27.8991



79.2800, 2.3270, 47.1124



77.9200, -11.7926, 49.1822

Triad

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



79.2800, 2.3270, 47.1124



73.0940, -26.1753, -4.4674



68.3510, 30.8860, -59.9438

Complementary

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



79.2800, 2.3270, 47.1124



104.7200, -2.3270, -47.1124

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.



67.3760, 19.5346, -59.0888



79.2800, 2.3270, 47.1124



66.3100, -10.5058, -37.1059

Square

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



79.2800, 2.3270, 47.1124



75.8690, -31.4874, 19.4089



63.8420, 5.9939, -55.9894



65.3820, 37.2797, -57.3400

Rectangle

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



79.2800, 2.3270, 47.1124



77.8840, -20.6488, 43.0747



63.8420, 5.9939, -55.9894



68.7270, 27.2496, -60.2736

Sweetspot

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



79.2800, 2.3270, 47.1124



152.7510, 1.1088, 17.7584



74.7000, 28.7419, 21.3111



74.4790, 0.2569, 10.9809



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



79.2800, 2.3270, 47.1124



89.2000, 3.8454, 73.4926



79.6270, -14.1131, 46.8081



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Inverse Universe

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



79.2800, 2.3270, 47.1124



89.2000, 3.8454, 73.4926



104.3730, 14.1131, -46.8081



62.0220, -0.0108, 3.4887



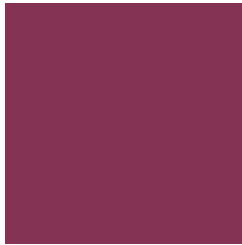
44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 79.2800, 2.3270, 47.1124 looks on a white background.

Color Contrast Check

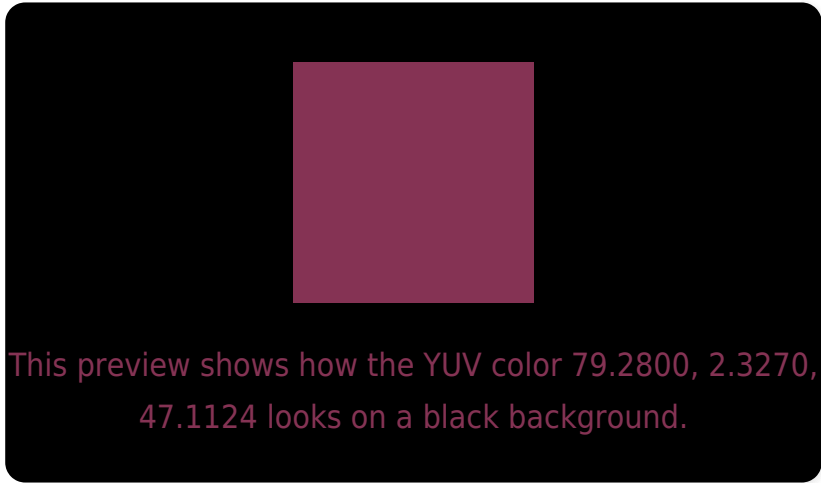
Large Text (above 18pt) WCAG AA ✓ Pass

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

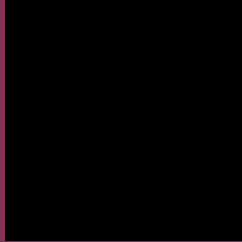
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.2800, 2.3270, 47.1124

Background



This preview shows how black text looks on a background with the YUV color 79.2800, 2.3270, 47.1124.



This preview shows how white text looks on a background with the YUV color 79.2800, 2.3270,

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

79.2800, 2.3270, 47.1124

Protanopia

81.0130, 10.3466, -5.2734

Deuteranopia

81.5170, -0.7479, 6.5626



Tritanopia

78.8810, -9.3083, 45.7084

Trichromacy



Original Color

79.2800, 2.3270, 47.1124

Protanomaly

80.0370, 7.3768, 13.9996

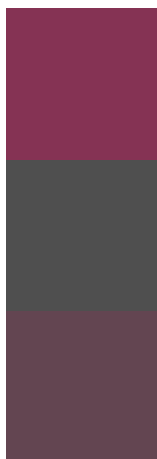
Deuteranomaly

80.5450, 0.2243, 21.4470

Tritanomaly

79.0320, -4.9458, 46.4529

Monochromacy



Original Color

79.2800, 2.3270, 47.1124

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3380, 0.8194, 17.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2800, 2.3270, 47.1124 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(133, 51, 84)` looks like.

```
.text, #text, p{  
    color:rgb(133, 51, 84)  
}
```

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(133, 51, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 51, 84) }
```

Border

The CSS property to change the border of an element to YUV 79.2800, 2.3270, 47.1124 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(133, 51, 84) }
```


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

```
.border{ border-color:rgb(133, 51, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 51, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 51, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 51, 84);  
box-shadow:4px 4px 4px 4px rgb(133, 51,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 79.2800, 2.3270, 47.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 51, 84) }
```

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

```
.background{ background-color: rgb(133, 51,  
84) }
```

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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