

Converting Colors

YUV(82.7100, 3.5940, 60.7673)

Have a look what the booklet for
YUV(82.7100, 3.5940, 60.7673)
contains.

YUV(82.7100, 3.5940, 60.7673)	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(82.7100, 3.5940,
60.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	982E5A
RGB	152, 46, 90
RGB Percent	60%, 18%, 35%
CMY	0.4039, 0.8196, 0.6471
CMYK	0.00, 0.70, 0.41, 0.40
HSL	335°, 54%, 39%
HSV	335°, 70%, 60%
XYZ	15.7714, 9.3676, 10.6497
YIQ	82.7100, 49.0520, 36.1560

Conversions

Conversions Part 2

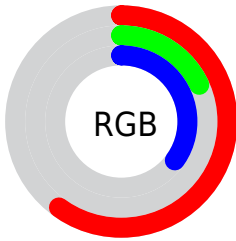
Format	Color
R_{YB}	152, 46, 90
Decimal	9973338
CIE Lab	36.68, 47.68, -1.32
CIE LCh	37, 47.694, 358.418
Yxy	9.3676, 0.4407, 0.2617
Android (android.graphics.Color)	4288163418 (0xFF982E5A)
YUV	82.7100, 3.5940, 60.7673
Hunter-Lab	30.6065, 38.4187, 0.7942

Details

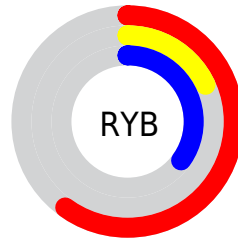
The YUV color **82.7100, 3.5940, 60.7673** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.2900, -3.5940, -60.7673**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4500, 1.2572, 63.6264**, and **33.8340, 5.5048, 54.5196** is the 20% darker color. If you saturate the color by 10%, you get **72.8790, 4.0037, 69.3891**, and if you desaturate by 10%, it is **92.5410, 3.1843, 52.1455**.

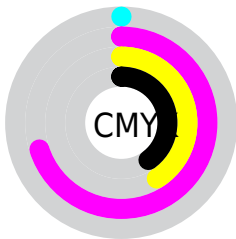
Distribution



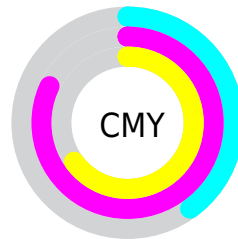
- Red (60%)
- Green (18%)
- Blue (35%)



- Red (60%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (40%)





- Cyan (40%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.7100, 3.5940, 60.7673 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 82.7100, 3.5940, 60.7673 by changing the saturation by 10% instead.

 82.7100, 3.5940,
60.7673


 82.7100, 3.5940,
60.7673


255.0000, 0.0000,
0.0000

 52.9320, 6.9355,
62.3266


 137.4500, 1.2572,
63.6264


 33.8340, 5.5048,
54.5196

 164.3470, 0.8149,
65.4707


 23.3670, 0.3121,
40.0201

 188.6450, 2.1470,
58.1933

 13.5690, -6.1965,
27.5650

 207.6860, 6.5638,
41.4944

 0.0000, 0.0000,
0.0000

 228.0150, 10.8386,
23.6658

 245.6080, 4.6303,

■ 82.7100, 3.5940,
60.7673

■ 82.7100, 3.5940,
60.7673

■ 72.8790, 4.0037,
69.3891

■ 92.5410, 3.1843,
52.1455

■ 63.0480, 4.4133,
78.0109

■ 102.3720, 2.7746,
43.5238

■ 52.6300, 5.1124,
87.1475

■ 112.7900, 2.0755,
34.3872

■ 122.6210, 1.6658,
25.7654

■ 132.3380, 0.8194,
17.2436

■ 142.1690, 0.4097,
8.6218

■ 152.0000, 0.0000,
0.0000

■ 162.4180, -0.6991,
-9.1366

■ 172.2490, -1.1088,
-17.7584

Harmonies

Analogous

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



87.9810, 19.2364, 36.8507



82.7100, 3.5940, 60.7673



81.9000, -14.7407, 61.4777

Triad

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



82.7100, 3.5940, 60.7673



76.5530, -35.7686, -7.5010



75.9140, 37.0174, -66.5766

Complementary

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



82.7100, 3.5940, 60.7673



115.2900, -3.5940, -60.7673

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.



74.9560, 23.1927, -65.7364



82.7100, 3.5940, 60.7673



64.3030, -10.0094, -56.3937

Square

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



82.7100, 3.5940, 60.7673



81.0020, -39.9340, 21.9232



70.5100, 6.1576, -61.8373



72.5860, 44.5741, -63.6579

Rectangle

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



82.7100, 3.5940, 60.7673



82.7450, -26.4963, 51.9666



70.5100, 6.1576, -61.8373



76.1760, 32.9442, -66.8064

Sweetspot

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



82.7100, 3.5940, 60.7673



169.1970, 1.3819, 23.5062



76.6220, 37.1614, 27.5185



83.3160, 0.8302, 13.7549



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



82.7100, 3.5940, 60.7673



88.2010, 5.8169, 94.5397



82.9770, -18.2297, 60.5332



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.



82.7100, 3.5940, 60.7673



88.2010, 5.8169, 94.5397



115.0230, 18.2297, -60.5332



71.7340, 0.1311, 4.6183



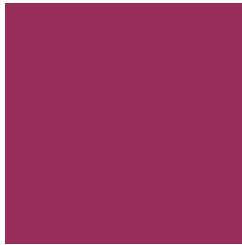
48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 82.7100, 3.5940, 60.7673 looks on a white background.

Color Contrast Check

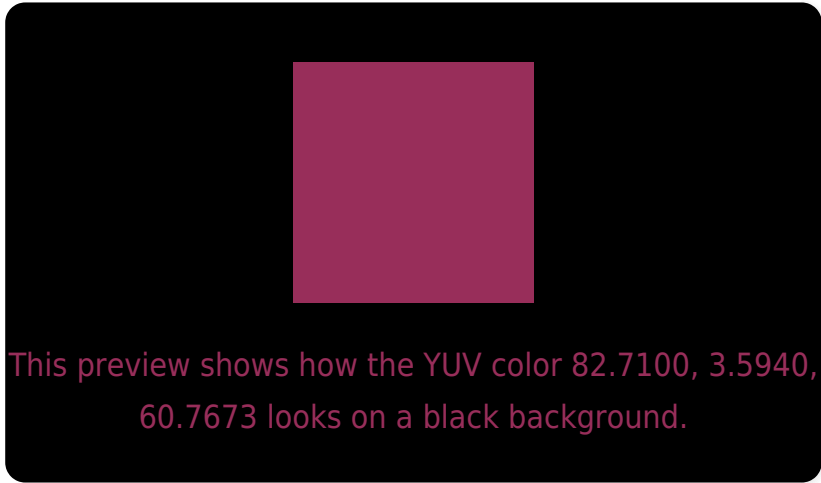
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.7100, 3.5940, 60.7673

Background



This preview shows how black text looks on a background with the YUV color 82.7100, 3.5940, 60.7673.



This preview shows how white text looks on a background with the YUV color 82.7100, 3.5940,

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

82.7100, 3.5940, 60.7673

Protanopia

87.2130, 13.6990, -7.2028

Deuteranopia

88.0010, -1.4795, 7.8921



Tritanopia

83.0460, -12.8407, 58.7187

Trichromacy



Original Color

82.7100, 3.5940, 60.7673

Protanomaly

85.4550, 10.1287, 18.0180

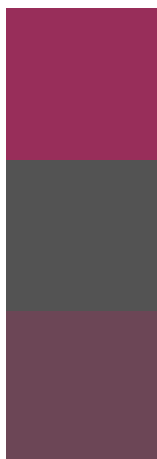
Deuteranomaly

85.9910, 0.4974, 27.1949

Tritanomaly

82.9520, -6.8783, 59.6781

Monochromacy



Original Color

82.7100, 3.5940, 60.7673

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1860, 1.3873, 21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7100, 3.5940, 60.7673 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(152, 46, 90)` looks like.

```
.text, #text, p{  
    color:rgb(152, 46, 90)  
}
```

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(152, 46, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 46, 90) }
```

Border

The CSS property to change the border of an element to YUV 82.7100, 3.5940, 60.7673 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(152, 46, 90) }
```


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

```
.border{ border-color:rgb(152, 46, 90) }
```

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

Here you see how a box with a 4 pixel rgb(152, 46, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 46, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 46, 90);  
box-shadow:4px 4px 4px 4px rgb(152, 46,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 82.7100, 3.5940, 60.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 46, 90) }
```

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

```
.background{ background-color: rgb(152, 46,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor