

Converting Colors

YUV(92.8940, 7.9403, 66.7450)

Have a look what the booklet for
YUV(92.8940, 7.9403, 66.7450)
contains.

YUV(92.8940, 7.9403, 66.7450)	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(92.8940, 7.9403,
66.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	A9336D
RGB	169, 51, 109
RGB Percent	66%, 20%, 43%
CMY	0.3373, 0.8000, 0.5725
CMYK	0.00, 0.70, 0.36, 0.34
HSL	331°, 54%, 43%
HSV	331°, 70%, 66%
XYZ	20.3063, 11.9068, 15.6960
YIQ	92.8940, 51.7100, 43.0540

Conversions

Conversions Part 2

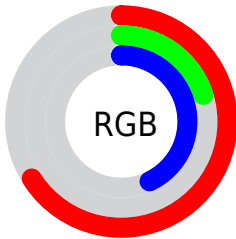
Format	Color
R_{YB}	169, 51, 109
Decimal	11088749
CIE _{Lab}	41.07, 52.92, -6.47
CIE _{LCh}	41, 53.319, 353.025
Yxy	11.9068, 0.4239, 0.2485
Android (android.graphics.Color)	4289278829 (0xFFA9336D)
YUV	92.8940, 7.9403, 66.7450
Hunter-Lab	34.5062, 44.6583, -2.8151

Details

The YUV color **92.8940, 7.9403, 66.7450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.1060, -7.9403, -66.7450**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6340, 5.6034, 69.6040**, and **40.5560, 10.5719, 62.6564** is the 20% darker color. If you saturate the color by 10%, you get **81.8890, 8.9287, 76.3963**, and if you desaturate by 10%, it is **103.8990, 6.9518, 57.0936**.

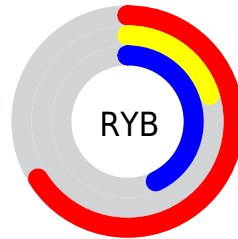
Distribution



Red (66%)

Green (20%)

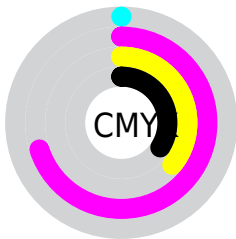
Blue (43%)



Red (66%)

Yellow (20%)

Blue (43%)

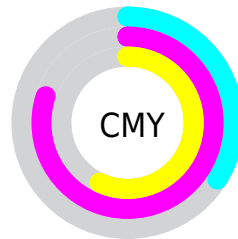


Cyan (0%)

Magenta (70%)

Yellow (36%)

Black (34%)



Cyan (34%)

Magenta (80%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.8940, 7.9403, 66.7450 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 92.8940, 7.9403, 66.7450 by changing the saturation by 10% instead.


 92.8940, 7.9403,
66.7450

 92.8940, 7.9403,
66.7450

255.0000, 0.0000,
0.0000


 61.5290, 11.5712,
68.8191


 148.6340, 5.6034,
69.6040


 40.5560, 10.5719,
62.6564


 175.6340, 5.6034,
69.6040


 29.9750, 4.9423,
48.2569

 195.2620, 9.7308,
52.3902

 20.2200, -0.1085,
34.8871

 215.0040, 14.2950,
35.0765

 8.4860, -3.6906,
17.1138

 233.2810, 10.7075,
19.0476

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 92.8940, 7.9403,
66.7450

■ 92.8940, 7.9403,
66.7450

■ 81.8890, 8.9287,
76.3963

■ 103.8990, 6.9518,
57.0936

■ 70.9980, 10.3540,
85.9478

■ 114.7900, 5.5265,
47.5422

■ 59.9930, 11.3425,
95.5991

■ 125.7950, 4.5381,
37.8908

■ 136.6860, 3.1128,
28.3394

■ 147.1040, 2.4137,
19.2028

■ 158.1090, 1.4253,
9.5514

■ 169.0000, 0.0000,
0.0000

■ 180.0050, -0.9885,
-9.6514

■ 190.8960, -2.4137,
-19.2028

Harmonies

Analogous

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



99.1640, 25.0621, 34.9362



92.8940, 7.9403, 66.7450



90.8350, -12.7367, 72.0587

Triad

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



92.8940, 7.9403, 66.7450



87.0500, -42.9156, -1.7978



85.8420, 39.5179, -75.2834

Complementary

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



92.8940, 7.9403, 66.7450



127.1060, -7.9403, -66.7450

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.



83.4990, 22.9250, -73.2286



92.8940, 7.9403, 66.7450



74.4900, -17.0036, -53.0497

Square

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



92.8940, 7.9403, 66.7450



91.0910, -44.9079, 30.6152



77.7820, 3.5585, -68.2148



82.6110, 49.9848, -72.4498

Rectangle

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



92.8940, 7.9403, 66.7450



92.1100, -26.6762, 63.0475



77.7820, 3.5585, -68.2148



85.2890, 34.8605, -74.7985

Sweetspot

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



92.8940, 7.9403, 66.7450



189.3760, 3.2656, 25.9802



82.0930, 42.8452, 24.4744



91.9680, 1.9878, 15.8141



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



92.8940, 7.9403, 66.7450



100.3900, 12.6257, 104.0210



86.2820, -17.3940, 72.5437



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Inverse Universe

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



92.8940, 7.9403, 66.7450



100.3900, 12.6257, 104.0210



133.7180, 17.3940, -72.5437



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 92.8940, 7.9403, 66.7450 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 × Fail

Black Background



This preview shows how the YUV color 92.8940, 7.9403, 66.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 92.8940, 7.9403, 66.7450

Background



This preview shows how black text looks on a background with the YUV color 92.8940, 7.9403, 66.7450.



This preview shows how white text looks on a background with the YUV color 92.8940, 7.9403,

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

92.8940, 7.9403, 66.7450

Protanopia

97.3140, 20.5512, -11.6764

Deuteranopia

98.9020, 2.0203, 5.3479



Tritanopia

93.5520, -13.5831, 63.5369

Trichromacy



Original Color

92.8940, 7.9403, 66.7450

Protanomaly

95.9370, 15.8071, 16.7183

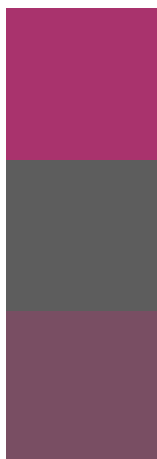
Deuteranomaly

96.6150, 4.1338, 27.5246

Tritanomaly

93.3270, -5.5842, 64.6112

Monochromacy



Original Color

92.8940, 7.9403, 66.7450

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2510, 2.8343, 24.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8940, 7.9403, 66.7450 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(169, 51, 109)` looks like.

```
.text, #text, p{  
    color:rgb(169, 51, 109)  
}
```

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(169, 51, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 51, 109) }
```

Border

The CSS property to change the border of an element to YUV 92.8940, 7.9403, 66.7450 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(169, 51, 109) }
```


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

```
.border{ border-color:rgb(169, 51, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 51, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 51, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 51, 109);  
box-shadow:4px 4px 4px 4px rgb(169, 51,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 92.8940, 7.9403, 66.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 51, 109) }
```

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

```
.background{ background-color: rgb(169, 51,  
109) }
```

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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