

Converting Colors

YUV(75.9050, 4.4838, 55.3343)

Have a look what the booklet for
YUV(75.9050, 4.4838, 55.3343)
contains.

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Color

**YUV(75.9050, 4.4838,
55.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	8B2A55
RGB	139, 42, 85
RGB Percent	55%, 16%, 33%
CMY	0.4549, 0.8353, 0.6667
CMYK	0.00, 0.70, 0.39, 0.45
HSL	333°, 54%, 35%
HSV	333°, 70%, 55%
XYZ	13.1151, 7.8008, 9.4088
YIQ	75.9050, 44.0090, 33.9370

Conversions

Conversions Part 2

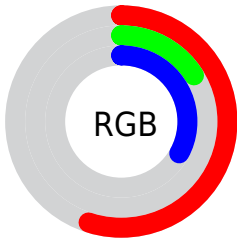
Format	Color
R_{YB}	139, 42, 85
Decimal	9120341
CIE Lab	33.56, 44.73, -2.96
CIE LCh	34, 44.832, 356.208
Yxy	7.8008, 0.4325, 0.2572
Android (android.graphics.Color)	4287310421 (0xFF8B2A55)
YUV	75.9050, 4.4838, 55.3343
Hunter-Lab	27.9299, 34.9416, -0.4222

Details

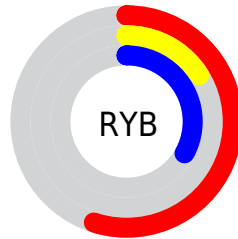
The YUV color **75.9050, 4.4838, 55.3343** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **105.0950, -4.4838, -55.3343**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7590, 2.5838, 58.0934**, and **29.6760, 5.0897, 47.6421** is the 20% darker color. If you saturate the color by 10%, you get **66.7750, 5.0409, 63.3413**, and if you desaturate by 10%, it is **85.0350, 3.9267, 47.3273**.

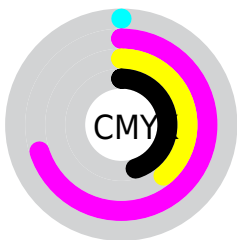
Distribution



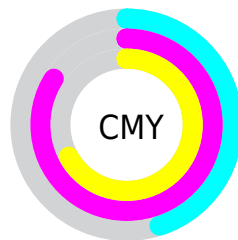
- Red (55%)
- Green (16%)
- Blue (33%)



- Red (55%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (45%)




- Cyan (45%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.9050, 4.4838, 55.3343 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 75.9050, 4.4838, 55.3343 by changing the saturation by 10% instead.


 75.9050, 4.4838,
55.3343


 75.9050, 4.4838,
55.3343


255.0000, 0.0000,
0.0000


 46.1270, 7.8254,
56.8936


 129.7590, 2.5838,
58.0934


 29.6760, 5.0897,
47.6421

 156.6560, 2.1416,
59.9377


 19.9210, 0.0389,
34.2723

 184.5530, 1.6994,
61.7820

 9.3830, -4.1328,
18.9581

 204.0670, 5.3900,
44.6682

 0.0000, 0.0000,
0.0000

 223.8090, 9.9542,
27.3545

 242.0860, 6.3666,

11.3256

■ 75.9050, 4.4838,
55.3343

■ 75.9050, 4.4838,
55.3343

■ 66.7750, 5.0409,
63.3413

■ 85.0350, 3.9267,
47.3273

■ 57.7590, 6.0348,
71.2484

■ 94.0510, 2.9329,
39.4203

■ 48.6290, 6.5919,
79.2554

■ 103.1810, 2.3758,
31.4133

■ 112.3110, 1.8187,
23.4063

■ 120.8540, 1.5510,
15.9140

■ 129.8700, 0.5571,
8.0070

■ 139.0000, 0.0000,
0.0000

■ 148.1300, -0.5571,
-8.0070

■ 157.2600, -1.1142,
-16.0140

Harmonies

Analogous

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



80.8340, 18.8158, 31.7176



75.9050, 4.4838, 55.3343



74.5620, -12.1091, 57.3891

Triad

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



75.9050, 4.4838, 55.3343



70.1450, -33.5955, -4.5122



69.7360, 33.6542, -61.1585

Complementary

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



75.9050, 4.4838, 55.3343



105.0950, -4.4838, -55.3343

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.



68.1910, 20.1188, -59.8035



75.9050, 4.4838, 55.3343



58.5210, -10.6099, -50.4459

Square

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



75.9050, 4.4838, 55.3343



74.2130, -36.5870, 21.7382



64.0870, 4.3941, -56.2043



66.9950, 40.9215, -58.7546

Rectangle

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



75.9050, 4.4838, 55.3343



75.5320, -23.4333, 49.5224



64.0870, 4.3941, -56.2043



69.9980, 29.5810, -61.3882

Sweetspot

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



75.9050, 4.4838, 55.3343



156.3000, 1.8241, 21.6619



68.9050, 34.5568, 22.8853



77.0170, 0.9776, 13.1401



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



75.9050, 4.4838, 55.3343



82.0860, 6.8596, 86.7476



73.9380, -15.7454, 57.0594



64.4350, 0.2785, 4.0035



46.4930, 6.1660, 75.8666



1.7230, 0.1366, 2.8739

Inverse Universe

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



75.9050, 4.4838, 55.3343



82.0860, 6.8596, 86.7476



107.0620, 15.7454, -57.0594



64.4350, 0.2785, 4.0035



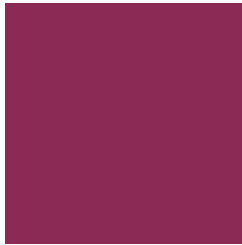
46.4930, 6.1660, 75.8666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 75.9050, 4.4838, 55.3343 looks on a white background.

Color Contrast Check

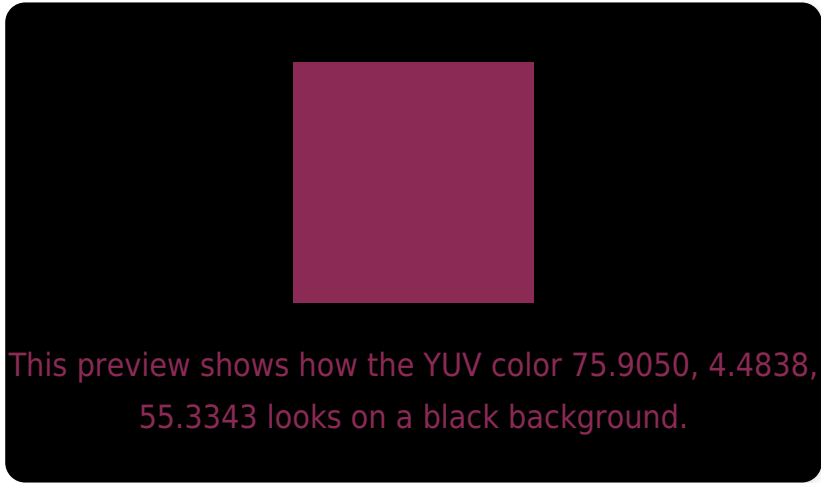
Large Text (above 18pt) WCAG AA ✓ Pass

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

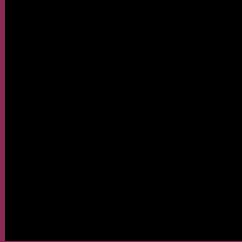
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9050, 4.4838, 55.3343

Background



This preview shows how black text looks on a background with the YUV color 75.9050, 4.4838, 55.3343.



This preview shows how white text looks on a background with the YUV color 75.9050, 4.4838,

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

75.9050, 4.4838, 55.3343

Protanopia

80.0280, 14.2832, -7.9176

Deuteranopia

80.6310, -0.3111, 6.4626



Tritanopia

76.3550, -11.5140, 53.1857

Trichromacy



Original Color

75.9050, 4.4838, 55.3343

Protanomaly

78.8460, 10.4289, 15.0441

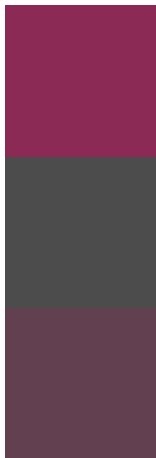
Deuteranomaly

78.9090, 1.5239, 24.6358

Tritanomaly

76.2610, -5.5517, 54.1451

Monochromacy



Original Color

75.9050, 4.4838, 55.3343

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1750, 1.3927, 20.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9050, 4.4838, 55.3343 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(139, 42, 85)` looks like.

```
.text, #text, p{  
    color:rgb(139, 42, 85)  
}
```

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(139, 42, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 42, 85) }
```

Border

The CSS property to change the border of an element to YUV 75.9050, 4.4838, 55.3343 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(139, 42, 85) }
```


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

```
.border{ border-color:rgb(139, 42, 85) }
```

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

Here you see how a box with a 4 pixel rgb(139, 42, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 42, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 42, 85);  
box-shadow:4px 4px 4px 4px rgb(139, 42,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 75.9050, 4.4838, 55.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 42, 85) }
```

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

```
.background{ background-color: rgb(139, 42,  
85) }
```

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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