

Converting Colors

YUV(75.3610, 6.2310, 54.9344)

Have a look what the booklet for
YUV(75.3610, 6.2310, 54.9344)
contains.

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Color

**YUV(75.3610, 6.2310,
54.9344)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2958
RGB	138, 41, 88
RGB Percent	54%, 16%, 35%
CMY	0.4588, 0.8392, 0.6549
CMYK	0.00, 0.70, 0.36, 0.46
HSL	331°, 54%, 35%
HSV	331°, 70%, 54%
XYZ	13.0356, 7.6937, 10.0305
YIQ	75.3610, 42.7250, 35.1810

Conversions

Conversions Part 2

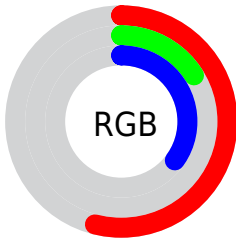
Format	Color
RYB	138, 41, 88
Decimal	9054552
CIELab	33.34, 45.19, -5.26
CIELCh	33, 45.498, 353.357
Yxy	7.6937, 0.4238, 0.2501
Android (android.graphics.Color)	4287244632 (0xFF8A2958)
YUV	75.3610, 6.2310, 54.9344
Hunter-Lab	27.7376, 35.3476, -2.0242

Details

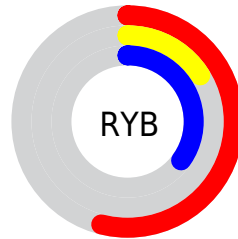
The YUV color **75.3610, 6.2310, 54.9344** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.6390, -6.2310, -54.9344**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2150, 4.3310, 57.6934**, and **30.0180, 6.4001, 47.3422** is the 20% darker color. If you saturate the color by 10%, you get **66.3450, 7.2249, 62.8414**, and if you desaturate by 10%, it is **84.3770, 5.2371, 47.0274**.

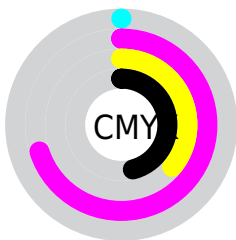
Distribution



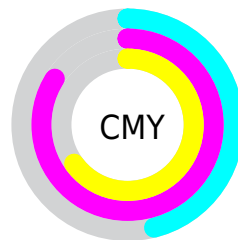
- Red (54%)
- Green (16%)
- Blue (35%)



- Red (54%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (36%)
- Black (46%)



- Cyan (46%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3610, 6.2310, 54.9344 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 75.3610, 6.2310, 54.9344 by changing the saturation by 10% instead.

■ 75.3610, 6.2310,
54.9344

■ 75.3610, 6.2310,
54.9344

■ 255.0000, 0.0000,
0.0000

■ 45.2950, 9.7146,
57.6233

■ 129.2150, 4.3310,
57.6934

■ 30.0180, 6.4001,
47.3422

■ 156.1120, 3.8888,
59.5378

■ 19.8500, 1.0600,
33.4576

■ 183.7100, 3.5940,
60.7673

■ 9.0840, -3.9854,
18.3433

■ 203.9360, 7.4266,
44.7831

■ 0.0000, 0.0000,
0.0000

■ 223.5640, 11.5539,
27.5694

■ 241.4990, 6.6560,

11.8404

■ 75.3610, 6.2310,
54.9344

■ 75.3610, 6.2310,
54.9344

■ 66.3450, 7.2249,
62.8414

■ 84.3770, 5.2371,
47.0274

■ 57.3290, 8.2188,
70.7485

■ 93.3930, 4.2433,
39.1203

■ 48.9000, 8.9233,
78.1407

■ 101.8220, 3.5388,
31.7281

■ 110.8380, 2.5449,
23.8211

■ 119.9680, 1.9878,
15.8141

■ 128.9840, 0.9939,
7.9070

■ 138.0000, 0.0000,
0.0000

■ 146.4290, -0.7045,
-7.3922

■ 155.4450, -1.6984,
-15.2993

Harmonies

Analogous

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



80.2790, 20.5685, 29.5733



75.3610, 6.2310, 54.9344



73.9150, -10.8041, 58.8335

Triad

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



75.3610, 6.2310, 54.9344



70.2270, -34.6219, -1.9531



69.5080, 32.7806, -60.9585

Complementary

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



75.3610, 6.2310, 54.9344



103.6390, -6.2310, -54.9344

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.



67.8490, 18.8084, -59.5036



75.3610, 6.2310, 54.9344



60.3540, -13.9785, -43.2835

Square

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



75.3610, 6.2310, 54.9344



73.9360, -36.4504, 24.6121



63.0440, 2.9363, -55.2896



66.9950, 40.9215, -58.7546

Rectangle

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



75.3610, 6.2310, 54.9344



74.5970, -21.9863, 52.0964



63.0440, 2.9363, -55.2896



69.0690, 28.5600, -60.5735

Sweetspot

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



75.3610, 6.2310, 54.9344



154.4140, 2.2609, 21.5619



66.7090, 35.1465, 20.4262



74.8320, 1.5618, 12.4253



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



75.3610, 6.2310, 54.9344



82.0580, 9.3384, 85.0181



70.0030, -14.2985, 59.6334



64.4350, 0.2785, 4.0035



47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Inverse Universe

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



75.3610, 6.2310, 54.9344



82.0580, 9.3384, 85.0181



108.9970, 14.2985, -59.6334



64.4350, 0.2785, 4.0035



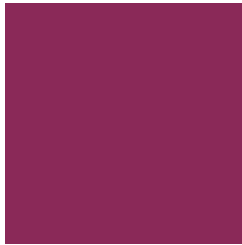
47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 75.3610, 6.2310, 54.9344 looks on a white background.

Color Contrast Check

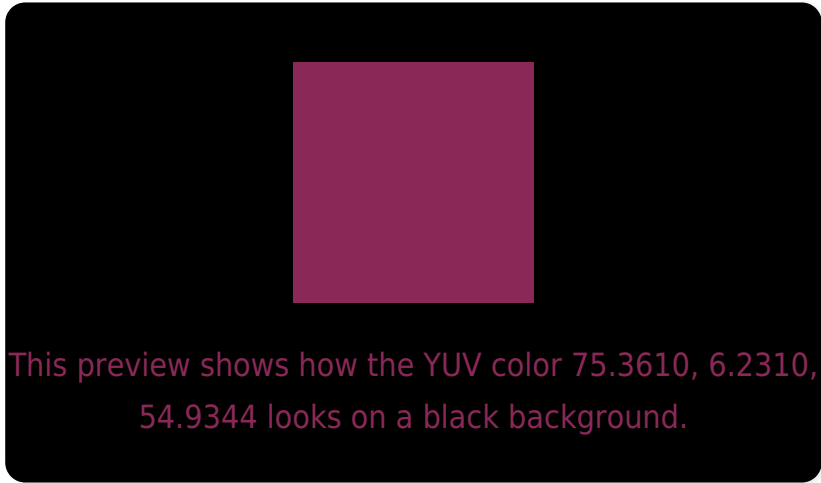
Large Text (above 18pt) WCAG AA ✓ Pass

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

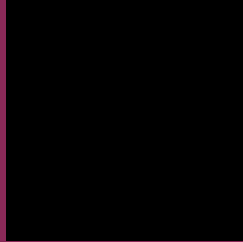
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3610, 6.2310, 54.9344

Background



This preview shows how black text looks on a background with the YUV color 75.3610, 6.2310, 54.9344.



This preview shows how white text looks on a background with the YUV color 75.3610, 6.2310,

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

75.3610, 6.2310, 54.9344

Protanopia

79.2990, 16.6146, -9.0322

Deuteranopia

80.3750, 1.2941, 4.9331



Tritanopia

76.0560, -11.3666, 52.5709

Trichromacy



Original Color

75.3610, 6.2310, 54.9344

Protanomaly

78.1170, 12.7603, 13.9294

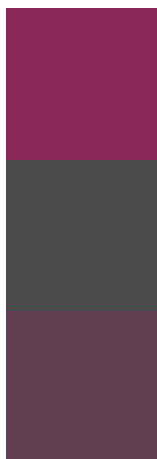
Deuteranomaly

78.6530, 3.1291, 23.1063

Tritanomaly

76.0760, -4.9675, 53.4303

Monochromacy



Original Color

75.3610, 6.2310, 54.9344

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4030, 2.2663, 19.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3610, 6.2310, 54.9344 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(138, 41, 88)` looks like.

```
.text, #text, p{  
    color:rgb(138, 41, 88)  
}
```

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(138, 41, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 41, 88) }
```

Border

The CSS property to change the border of an element to YUV 75.3610, 6.2310, 54.9344 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(138, 41, 88) }
```


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

```
.border{ border-color:rgb(138, 41, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 41, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 41, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 41, 88);  
box-shadow:4px 4px 4px 4px rgb(138, 41,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 75.3610, 6.2310, 54.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 41, 88) }
```

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

```
.background{ background-color: rgb(138, 41,  
88) }
```

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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