

Converting Colors

YUV(79.4580, 9.1412, 54.8493)

Have a look what the booklet for
YUV(79.4580, 9.1412, 54.8493)
contains.

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Color

**YUV(79.4580, 9.1412,
54.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2C62
RGB	142, 44, 98
RGB Percent	56%, 17%, 38%
CMY	0.4431, 0.8275, 0.6157
CMYK	0.00, 0.69, 0.31, 0.44
HSL	327°, 53%, 36%
HSV	327°, 69%, 56%
XYZ	14.2606, 8.4340, 12.4316
YIQ	79.4580, 41.0740, 37.5700

Conversions

Conversions Part 2

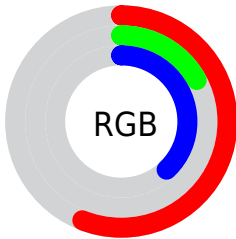
Format	Color
R_{YB}	142, 44, 98
Decimal	9317474
CIE Lab	34.87, 46.42, -9.32
CIE LCh	35, 47.342, 348.650
Yxy	8.4340, 0.4060, 0.2401
Android (android.graphics.Color)	4287507554 (0xFF8E2C62)
YUV	79.4580, 9.1412, 54.8493
Hunter-Lab	29.0413, 36.8293, -5.0510

Details

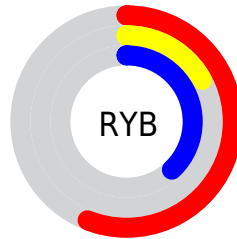
The YUV color **79.4580, 9.1412, 54.8493** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.5420, -9.1412, -54.8493**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4260, 7.6780, 57.5084**, and **32.2400, 9.7417, 48.9015** is the 20% darker color. If you saturate the color by 10%, you get **70.5560, 10.5719, 62.6564**, and if you desaturate by 10%, it is **88.3600, 7.7105, 47.0423**.

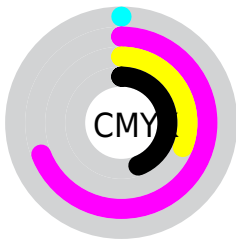
Distribution



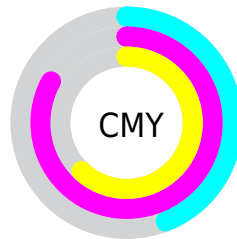
- Red (56%)
- Green (17%)
- Blue (38%)



- Red (56%)
- Yellow (17%)
- Blue (38%)



- Cyan (0%)
- Magenta (69%)
- Yellow (31%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4580, 9.1412, 54.8493 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 79.4580, 9.1412, 54.8493 by changing the saturation by 10% instead.

■ 79.4580, 9.1412,
54.8493

■ 79.4580, 9.1412,
54.8493

■ 255.0000, 0.0000,
0.0000

■ 49.8650, 11.8986,
57.1234

■ 133.4260, 7.6780,
57.5084

■ 32.2400, 9.7417,
48.9015

■ 160.9100, 6.9464,
58.8379

■ 22.0720, 4.4015,
35.0169

■ 188.0240, 7.3832,
58.7380

■ 11.5900, -4.7279,
23.1616

■ 207.0650, 11.8000,
42.0390

■ 0.0000, 0.0000,
0.0000

■ 226.8240, 13.8908,
24.7104

■ 243.2600, 5.7878,

10.2960

■ 79.4580, 9.1412,
54.8493

■ 79.4580, 9.1412,
54.8493

■ 70.5560, 10.5719,
62.6564

■ 88.3600, 7.7105,
47.0423

■ 61.5400, 11.5658,
70.5634

■ 97.3760, 6.7166,
39.1352

■ 52.0510, 13.2859,
78.8853

■ 106.8650, 4.9966,
30.8134

■ 51.3500, 13.1385,
79.5001

■ 115.8810, 4.0027,
22.9064

■ 124.7830, 2.5720,
15.0993

■ 133.6850, 1.1413,
7.2923

■ 142.7010, 0.1474,
-0.6148

■ 152.1900, -1.5727,
-8.9366

■ 161.0920, -3.0034,
-16.7437

Harmonies

Analogous

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



84.0550, 23.6369, 25.3848



79.4580, 9.1412, 54.8493



76.6320, -8.1996, 63.4667

Triad

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



79.4580, 9.1412, 54.8493



74.0920, -36.5274, 2.5503



72.6710, 32.2072, -63.7325

Complementary

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



79.4580, 9.1412, 54.8493



106.5420, -9.1412, -54.8493

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.



70.0830, 17.2141, -61.4628



79.4580, 9.1412, 54.8493



66.9160, -19.6786, -35.0063

Square

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



79.4580, 9.1412, 54.8493



77.2140, -38.0665, 29.6303



65.0500, 0.4684, -57.0488



71.2010, 41.8059, -62.4433

Rectangle

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



79.4580, 9.1412, 54.8493



77.7870, -20.1080, 56.3148



65.0500, 0.4684, -57.0488



72.1180, 27.5498, -63.2475

Sweetspot

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



79.4580, 9.1412, 54.8493



159.0550, 3.4239, 21.8768



67.7300, 36.6151, 16.0228



77.2450, 1.8512, 12.9401



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.



79.4580, 9.1412, 54.8493



86.3230, 14.1378, 85.6627



74.1000, -11.3883, 59.5483



66.5490, 0.7153, 3.9035



48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Inverse Universe

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



79.4580, 9.1412, 54.8493



86.3230, 14.1378, 85.6627



111.9000, 11.3883, -59.5483



66.5490, 0.7153, 3.9035



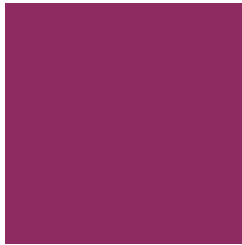
48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 79.4580, 9.1412, 54.8493 looks on a white background.

Color Contrast Check

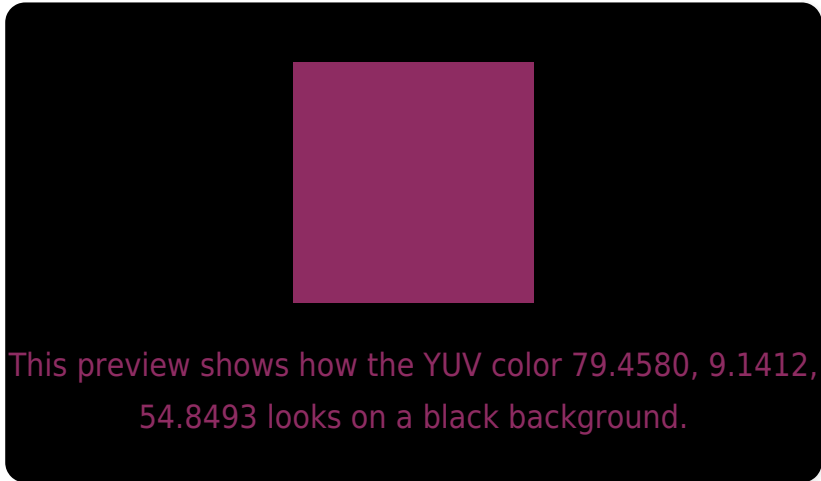
Large Text (above 18pt) WCAG AA ✓ Pass

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

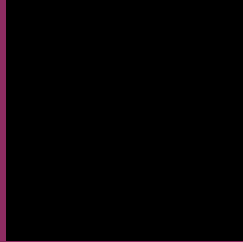
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4580, 9.1412, 54.8493

Background



This preview shows how black text looks on a background with the YUV color 79.4580, 9.1412, 54.8493.



This preview shows how white text looks on a background with the YUV color 79.4580, 9.1412, 54.8493.

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

79.4580, 9.1412, 54.8493

Protanopia

82.7160, 20.8460, -12.9059

Deuteranopia

84.1620, 4.3571, 2.4889



Tritanopia

79.8710, -10.7824, 51.8561

Trichromacy



Original Color

79.4580, 9.1412, 54.8493

Protanomaly

81.4310, 16.5495, 11.9000

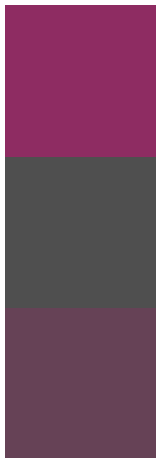
Deuteranomaly

82.7390, 6.0447, 21.2769

Tritanomaly

79.5320, -3.2203, 53.0304

Monochromacy



Original Color

79.4580, 9.1412, 54.8493

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0440, 3.4293, 20.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4580, 9.1412, 54.8493 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(142, 44, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 44, 98)  
}
```

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(142, 44, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 44, 98) }
```

Border

The CSS property to change the border of an element to YUV 79.4580, 9.1412, 54.8493 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(142, 44, 98) }
```


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

```
.border{ border-color:rgb(142, 44, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 44, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 44, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 44, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 44,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 79.4580, 9.1412, 54.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 44, 98) }
```

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

```
.background{ background-color: rgb(142, 44,  
98) }
```

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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