

Converting Colors

YUV(79.4360, 9.1521, 51.3606)

Have a look what the booklet for
YUV(79.4360, 9.1521, 51.3606)
contains.

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Color

**YUV(79.4360, 9.1521,
51.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2E62
RGB	138, 46, 98
RGB Percent	54%, 18%, 38%
CMY	0.4588, 0.8196, 0.6157
CMYK	0.00, 0.67, 0.29, 0.46
HSL	326°, 50%, 36%
HSV	326°, 67%, 54%
XYZ	13.6628, 8.2391, 12.4255
YIQ	79.4360, 38.1400, 35.6760

Conversions

Conversions Part 2

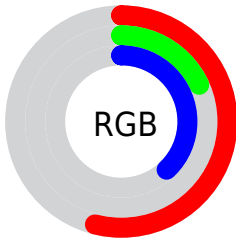
Format	Color
R_{YB}	138, 46, 98
Decimal	9055842
CIE _{Lab}	34.48, 44.35, -9.98
CIE _{LCh}	34, 45.462, 347.316
Yxy	8.2391, 0.3980, 0.2400
Android (android.graphics.Color)	4287245922 (0xFF8A2E62)
YUV	79.4360, 9.1521, 51.3606
Hunter-Lab	28.7038, 34.7331, -5.5731

Details

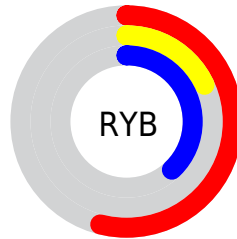
The YUV color **79.4360, 9.1521, 51.3606** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **104.5640, -9.1521, -51.3606**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5180, 8.1256, 53.9197**, and **31.0440, 10.3313, 46.4424** is the 20% darker color. If you saturate the color by 10%, you get **70.5340, 10.5827, 59.1677**, and if you desaturate by 10%, it is **88.3380, 7.7214, 43.5536**.

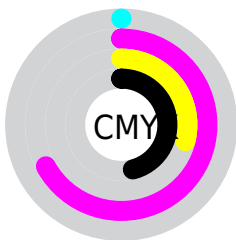
Distribution



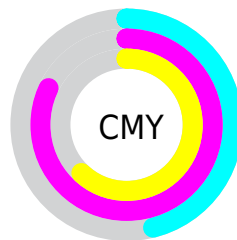
- Red (54%)
- Green (18%)
- Blue (38%)



- Red (54%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (67%)
- Yellow (29%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4360, 9.1521, 51.3606 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 79.4360, 9.1521, 51.3606 by changing the saturation by 10% instead.

79.4360, 9.1521,
51.3606

79.4360, 9.1521,
51.3606

255.0000, 0.0000,
0.0000

51.0170, 11.3306,
52.6051

132.5180, 8.1256,
53.9197

31.0440, 10.3313,
46.4424

160.0020, 7.3940,
55.2492

21.0610, 4.4069,
33.2725

188.0130, 7.3886,
56.9936

10.3940, -4.1382,
20.7025

207.6520, 11.5106,
41.5242

0.0000, 0.0000,
0.0000

226.8240, 13.8908,
24.7104

243.8470, 5.4984,

9.7812

■ 79.4360, 9.1521,
51.3606

■ 79.4360, 9.1521,
51.3606

■ 70.5340, 10.5827,
59.1677

■ 88.3380, 7.7214,
43.5536

■ 61.6320, 12.0134,
66.9747

■ 97.2400, 6.2907,
35.7465

■ 53.3170, 13.1547,
74.2670

■ 105.5550, 5.1494,
28.4543

■ 50.1540, 13.7281,
77.0409

■ 114.4570, 3.7187,
20.6472

■ 123.3590, 2.2880,
12.8402

■ 132.2610, 0.8573,
5.0331

■ 141.1630, -0.5734,
-2.7740

■ 149.4780, -1.7147,
-10.0662

■ 158.3800, -3.1453,
-17.8733

Harmonies

Analogous

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



83.3320, 23.5003, 22.5108



79.4360, 9.1521, 51.3606



76.8380, -7.3151, 59.7781

Triad

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



79.4360, 9.1521, 51.3606



73.8040, -36.3854, 3.6799



71.6280, 30.7494, -62.8178

Complementary

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



79.4360, 9.1521, 51.3606



104.5640, -9.1521, -51.3606

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.



69.1540, 16.1931, -60.6481



79.4360, 9.1521, 51.3606



67.6500, -19.5475, -30.3881

Square

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



79.4360, 9.1521, 51.3606



76.6270, -37.7771, 30.1451



64.2350, -0.1159, -56.3341



70.1580, 40.3481, -61.5286

Rectangle

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



79.4360, 9.1521, 51.3606



77.4170, -18.9396, 54.8853



64.2350, -0.1159, -56.3341



71.0750, 26.0920, -62.3328

Sweetspot

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



79.4360, 9.1521, 51.3606



156.0440, 3.4293, 20.1324



68.4480, 34.2891, 15.3931



75.6470, 2.1460, 11.7106



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.



79.4360, 9.1521, 51.3606



87.8770, 13.8646, 79.9149



74.1920, -10.9407, 55.9596



64.5490, 0.7153, 3.9035



48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Inverse Universe

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



79.4360, 9.1521, 51.3606



87.8770, 13.8646, 79.9149



109.8080, 10.9407, -55.9596



64.5490, 0.7153, 3.9035



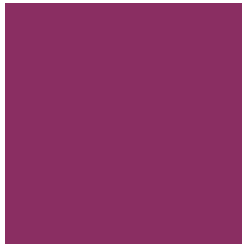
48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 79.4360, 9.1521, 51.3606 looks on a white background.

Color Contrast Check

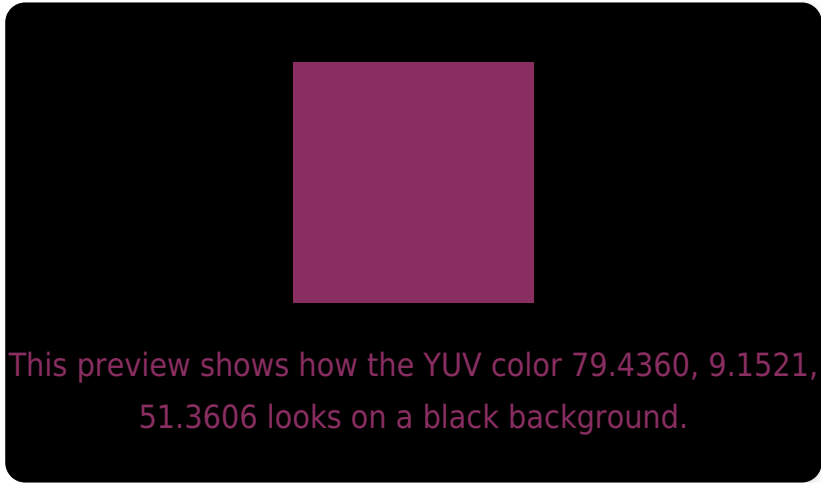
Large Text (above 18pt) WCAG AA ✓ Pass

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

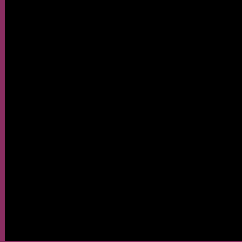
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4360, 9.1521, 51.3606

Background



This preview shows how black text looks on a background with the YUV color 79.4360, 9.1521, 51.3606.



This preview shows how white text looks on a background with the YUV color 79.4360, 9.1521,

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

79.4360, 9.1521, 51.3606

Protanopia

81.9010, 20.2618, -12.1912

Deuteranopia

82.9770, 4.9413, 1.7742



Tritanopia

79.9630, -10.3348, 48.2674

Trichromacy



Original Color

79.4360, 9.1521, 51.3606

Protanomaly

80.7190, 16.4075, 10.7704

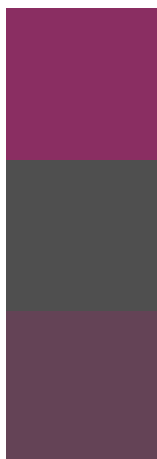
Deuteranomaly

81.8420, 6.4869, 19.4326

Tritanomaly

79.5100, -3.2094, 49.5417

Monochromacy



Original Color

79.4360, 9.1521, 51.3606

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0330, 3.4347, 18.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4360, 9.1521, 51.3606 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, 46, 98)` looks like.

```
.text, #text, p{  
    color:rgb(138, 46, 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(138, 46, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 46, 98) }
```

Border

The CSS property to change the border of an element to YUV 79.4360, 9.1521, 51.3606 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, 46, 98) }
```


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

```
.border{ border-color:rgb(138, 46, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 46, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 46, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 46, 98);  
box-shadow:4px 4px 4px 4px rgb(138, 46,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 79.4360, 9.1521, 51.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 46, 98) }
```

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

```
.background{ background-color: rgb(138, 46,  
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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