

Converting Colors

YUV(98.4840, 9.6214, 40.7945)

Have a look what the booklet for
YUV(98.4840, 9.6214, 40.7945)
contains.

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Color

**YUV(98.4840, 9.6214,
40.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	914776
RGB	145, 71, 118
RGB Percent	57%, 28%, 46%
CMY	0.4314, 0.7216, 0.5373
CMYK	0.00, 0.51, 0.19, 0.43
HSL	322°, 34%, 42%
HSV	322°, 51%, 57%
XYZ	17.2003, 11.8342, 18.5172
YIQ	98.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

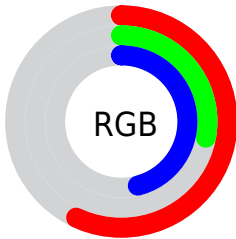
Format	Color
R_{YB}	145, 71, 118
Decimal	9521014
CIE _{Lab}	40.95, 37.33, -12.62
CIE _{LCh}	41, 39.409, 341.330
Yxy	11.8342, 0.3617, 0.2489
Android (android.graphics.Color)	4287711094 (0xFF914776)
YUV	98.4840, 9.6214, 40.7945
Hunter-Lab	34.4009, 29.0476, -7.8338

Details

The YUV color **98.4840, 9.6214, 40.7945** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.5160, -9.6214, -40.7945**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0930, 9.3212, 43.7684**, and **47.2280, 11.2266, 39.2650** is the 20% darker color. If you saturate the color by 10%, you get **89.6960, 11.4889, 48.5016**, and if you desaturate by 10%, it is **107.8590, 7.4645, 32.5727**.

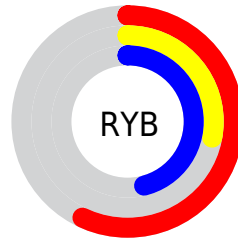
Distribution



Red (57%)

Green (28%)

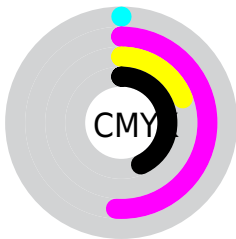
Blue (46%)



Red (57%)

Yellow (28%)

Blue (46%)

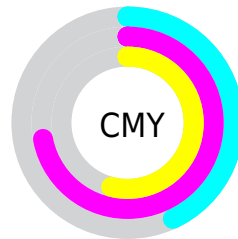


Cyan (0%)

Magenta (51%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4840, 9.6214, 40.7945 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 98.4840, 9.6214, 40.7945 by changing the saturation by 10% instead.

■ 98.4840, 9.6214,
40.7945

■ 98.4840, 9.6214,
40.7945

255.0000, 0.0000,
0.0000

■ 72.8860, 9.9162,
39.5650

■ 151.0930, 9.3212,
43.7684

■ 47.2280, 11.2266,
39.2650

■ 178.3920, 9.1737,
44.3832

■ 25.3910, 10.6532,
36.4911

■ 205.2070, 9.7579,
43.6685

■ 16.5330, 5.1602,
24.9656

■ 224.9490, 14.3221,
26.3547

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.6560,
11.8404

■ 98.4840, 9.6214,
40.7945

■ 98.4840, 9.6214,
40.7945

■ 89.6960, 11.4889,
48.5016

■ 107.8590, 7.4645,
32.5727

■ 80.2070, 13.2089,
56.8235

■ 116.7610, 6.0338,
24.7656

■ 71.4190, 15.0764,
64.5305

■ 126.1360, 3.8770,
16.5437

■ 62.0440, 17.2333,
72.7524

■ 134.9240, 2.0095,
8.8367

■ 53.8430, 18.8114,
79.9447

■ 144.2990, -0.1474,
0.6148

■ 153.2010, -1.5781,
-7.1923

■ 162.5760, -3.7350,
-15.4142

■ 171.3640, -5.6025,

-23.1212

■ 180.8530, -7.3225,
-31.4431

Harmonies

Analogous

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



99.3370, 22.5119, 12.8595



98.4840, 9.6214, 40.7945



96.3640, -5.1095, 52.3008

Triad

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



98.4840, 9.6214, 40.7945



92.1020, -31.6023, 9.5575



80.8890, 28.1557, -70.9397

Complementary

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



98.4840, 9.6214, 40.7945



117.5160, -9.6214, -40.7945

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.



78.0560, 14.7624, -68.4551



98.4840, 9.6214, 40.7945



87.9720, -21.1852, -18.3924

Square

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



98.4840, 9.6214, 40.7945



94.5870, -30.3624, 31.9342



73.7070, 0.6374, -64.6410



80.1200, 37.9018, -70.2652

Rectangle

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



98.4840, 9.6214, 40.7945



95.7200, -15.1450, 51.1116



73.7070, 0.6374, -64.6410



80.4500, 23.9351, -70.5547

Sweetspot

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



98.4840, 9.6214, 40.7945



170.7230, 3.5876, 16.0289



87.2100, 28.4905, 8.5858



83.3370, 2.2989, 9.3515



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



98.4840, 9.6214, 40.7945



116.7070, 14.9344, 63.4010



94.3800, -6.1033, 44.3937



66.6630, 1.1521, 3.8035



50.1690, 17.6647, 74.3968



2.9620, 1.0047, 4.4183

Inverse Universe

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



98.4840, 9.6214, 40.7945



116.7070, 14.9344, 63.4010



121.6200, 6.1033, -44.3937



66.6630, 1.1521, 3.8035



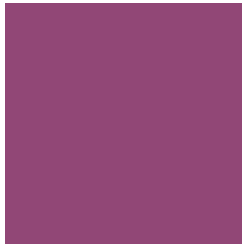
50.1690, 17.6647, 74.3968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 98.4840, 9.6214, 40.7945 looks on a white background.

Color Contrast Check

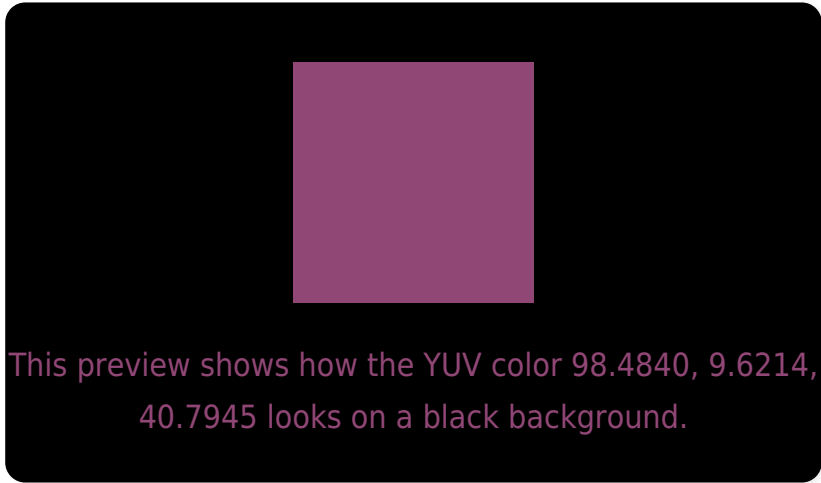
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

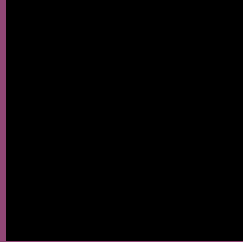
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4840, 9.6214, 40.7945

Background



This preview shows how black text looks on a background with the YUV color 98.4840, 9.6214, 40.7945.



This preview shows how white text looks on a background with the YUV color 98.4840, 9.6214,

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

98.4840, 9.6214, 40.7945

Protanopia

97.2710, 19.0934, -10.7617

Deuteranopia

98.0630, 7.8569, -0.0553



Tritanopia

97.8200, -6.8133, 38.7459

Trichromacy



Original Color

98.4840, 9.6214, 40.7945

Protanomaly

97.7680, 15.3974, 8.0965

Deuteranomaly

97.9770, 8.3923, 14.9292

Tritanomaly

97.7260, -0.8509, 39.7053

Monochromacy



Original Color

98.4840, 9.6214, 40.7945

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4840, 9.6214, 40.7945 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(145, 71, 118)` looks like.

```
.text, #text, p{  
    color:rgb(145, 71, 118)  
}
```

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(145, 71, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 71, 118) }
```

Border

The CSS property to change the border of an element to YUV 98.4840, 9.6214, 40.7945 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(145, 71, 118) }
```


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

```
.border{ border-color:rgb(145, 71, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 71, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 71, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 71, 118); box-shadow:4px 4px 4px 4px rgb(145, 71, 118) }
```

Background

The CSS property to change the background color of an element to YUV 98.4840, 9.6214, 40.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 71, 118) }
```

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

```
.background{ background-color: rgb(145, 71,  
118) }
```

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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