

Converting Colors

YUV(94.9310, 4.9640, 41.2795)

Have a look what the booklet for
YUV(94.9310, 4.9640, 41.2795)
contains.

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Color

**YUV(94.9310, 4.9640,
41.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4569
RGB	142, 69, 105
RGB Percent	56%, 27%, 41%
CMY	0.4431, 0.7294, 0.5882
CMYK	0.00, 0.51, 0.26, 0.44
HSL	330°, 35%, 41%
HSV	330°, 51%, 56%
XYZ	15.8333, 11.0269, 14.6585
YIQ	94.9310, 31.9520, 26.6720

Conversions

Conversions Part 2

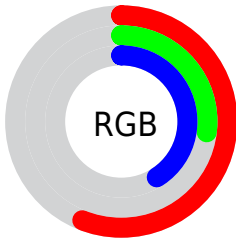
Format	Color
R_{YB}	142, 69, 105
Decimal	9323881
CIE _{Lab}	39.63, 35.35, -6.60
CIE _{LCh}	40, 35.959, 349.428
Yxy	11.0269, 0.3814, 0.2656
Android (android.graphics.Color)	4287513961 (0xFF8E4569)
YUV	94.9310, 4.9640, 41.2795
Hunter-Lab	33.2068, 26.9980, -2.9276

Details

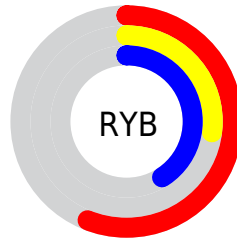
The YUV color **94.9310, 4.9640, 41.2795** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.0690, -4.9640, -41.2795**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4260, 4.2270, 44.3534**, and **44.3760, 6.7166, 39.1352** is the 20% darker color. If you saturate the color by 10%, you get **85.9150, 5.9579, 49.1865**, and if you desaturate by 10%, it is **103.9470, 3.9701, 33.3725**.

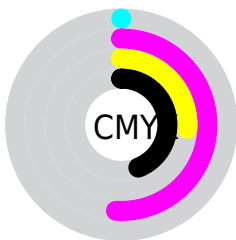
Distribution



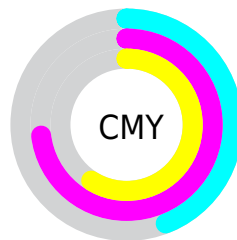
- Red (56%)
- Green (27%)
- Blue (41%)



- Red (56%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9310, 4.9640, 41.2795 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 94.9310, 4.9640, 41.2795 by changing the saturation by 10% instead.

94.9310, 4.9640,
41.2795

94.9310, 4.9640,
41.2795

255.0000, 0.0000,
0.0000

69.4470, 5.6956,
39.9500

147.4260, 4.2270,
44.3534

44.3760, 6.7166,
39.1352

174.1380, 4.3690,
45.4830

23.2400, 6.2907,
35.7465

201.8500, 4.5110,
46.6126

14.5670, 0.2135,
24.9357

221.4780, 8.6383,
29.3988

0.0000, 0.0000,
0.0000

239.7380, 7.5242,
13.3848

■ 94.9310, 4.9640,
41.2795

■ 94.9310, 4.9640,
41.2795

■ 85.9150, 5.9579,
49.1865

■ 103.9470, 3.9701,
33.3725

■ 76.8990, 6.9518,
57.0936

■ 112.9630, 2.9762,
25.4654

■ 67.1820, 7.7983,
65.6154

■ 122.6800, 2.1298,
16.9436

■ 58.1660, 8.7922,
73.5224

■ 131.6960, 1.1359,
9.0366

■ 50.4380, 9.6441,
80.2999

■ 140.7120, 0.1420,
1.1296

■ 149.7280, -0.8519,
-6.7775

■ 158.7440, -1.8458,
-14.6845

■ 168.4610, -2.6923,

-23.2063

■ 177.4770, -3.6862,
-31.1133

Harmonies

Analogous

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



96.4150, 17.5434, 19.8070



94.9310, 4.9640, 41.2795



93.3050, -9.0244, 47.9675

Triad

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



94.9310, 4.9640, 41.2795



88.7250, -26.4864, 1.9952



77.8400, 29.1659, -68.2657

Complementary

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



94.9310, 4.9640, 41.2795



116.0690, -4.9640, -41.2795

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.



76.1640, 17.6671, -66.7958



94.9310, 4.9640, 41.2795



84.2470, -14.9118, -23.8956

Square

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



94.9310, 4.9640, 41.2795



91.1130, -28.1567, 24.4569



72.1570, 4.8526, -63.2817



75.9140, 37.0174, -66.5766

Rectangle

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



94.9310, 4.9640, 41.2795



92.8070, -17.1599, 44.0193



72.1570, 4.8526, -63.2817



77.6290, 25.8189, -68.0806

Sweetspot

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



94.9310, 4.9640, 41.2795



165.9680, 1.9878, 15.8141



88.3850, 26.4322, 15.4484



80.9950, 0.9885, 9.6514



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.



94.9310, 4.9640, 41.2795



110.4700, 7.6563, 64.4858



90.8270, -10.7607, 44.8787



66.5490, 0.7153, 3.9035



48.0030, 9.3655, 76.2964



2.8480, 0.5679, 4.5183

Inverse Universe

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



94.9310, 4.9640, 41.2795



110.4700, 7.6563, 64.4858



120.1730, 10.7607, -44.8787



66.5490, 0.7153, 3.9035



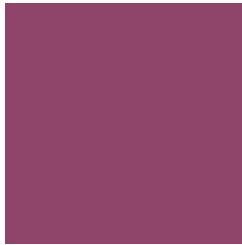
48.0030, 9.3655, 76.2964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 94.9310, 4.9640, 41.2795 looks on a white background.

Color Contrast Check

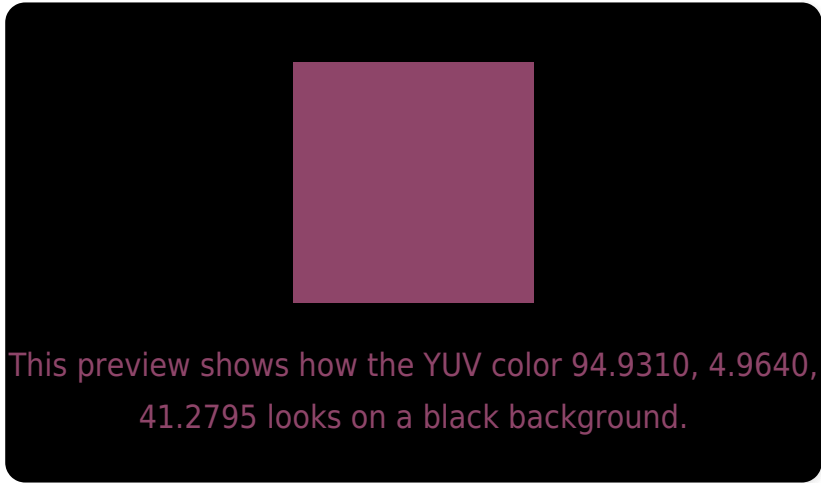
Large Text (above 18pt) WCAG AA ✓ Pass

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

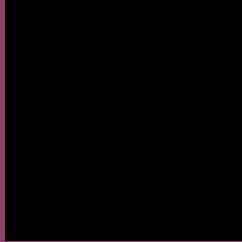
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9310, 4.9640, 41.2795

Background



This preview shows how black text looks on a background with the YUV color 94.9310, 4.9640, 41.2795.

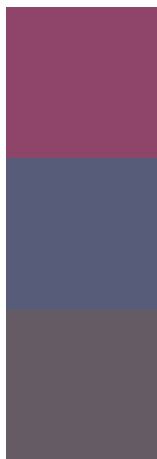


This preview shows how white text looks on a background with the YUV color 94.9310, 4.9640,

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

94.9310, 4.9640, 41.2795

Protanopia

94.3980, 13.1148, -6.4880

Deuteranopia

94.8310, 3.0413, 4.5332



Tritanopia

94.4180, -7.1081, 39.9754

Trichromacy



Original Color

94.9310, 4.9640, 41.2795

Protanomaly

94.4110, 10.1504, 11.0406

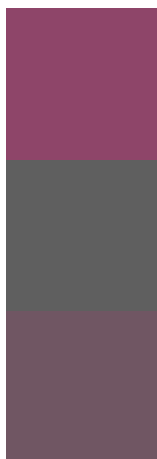
Deuteranomaly

94.7340, 3.5821, 17.7733

Tritanomaly

94.5690, -2.7455, 40.7200

Monochromacy



Original Color

94.9310, 4.9640, 41.2795

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2560, 1.8458, 14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9310, 4.9640, 41.2795 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, 69, 105)` looks like.

```
.text, #text, p{  
    color:rgb(142, 69, 105)  
}
```

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, 69, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 69, 105) }
```

Border

The CSS property to change the border of an element to YUV 94.9310, 4.9640, 41.2795 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, 69, 105) }
```


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

```
.border{ border-color:rgb(142, 69, 105) }
```

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

Here you see how a box with a 4 pixel rgb(142, 69, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 69, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 69, 105);  
box-shadow:4px 4px 4px 4px rgb(142, 69,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 94.9310, 4.9640, 41.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 69, 105) }
```

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

```
.background{ background-color: rgb(142, 69,  
105) }
```

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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