

Converting Colors

YUV(96.4130, 10.6424, 39.9798)

Have a look what the booklet for
YUV(96.4130, 10.6424, 39.9798)
contains.

YUV(96.4130, 10.6424, 39.9798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.4130, 10.6424,
39.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4576
RGB	142, 69, 118
RGB Percent	56%, 27%, 46%
CMY	0.4431, 0.7294, 0.5373
CMYK	0.00, 0.51, 0.17, 0.44
HSL	320°, 35%, 41%
HSV	320°, 51%, 56%
XYZ	16.5535, 11.3150, 18.4511
YIQ	96.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

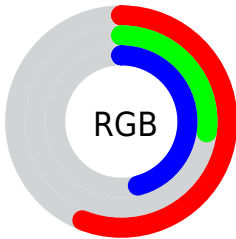
Format	Color
R_{YB}	142, 69, 118
Decimal	9323894
CIE _{Lab}	40.11, 37.39, -13.94
CIE _{LCh}	40, 39.902, 339.551
Yxy	11.3150, 0.3574, 0.2443
Android (android.graphics.Color)	4287513974 (0xFF8E4576)
YUV	96.4130, 10.6424, 39.9798
Hunter-Lab	33.6378, 28.9752, -8.9754

Details

The YUV color **96.4130, 10.6424, 39.9798** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.5870, -10.6424, -39.9798**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7230, 10.4896, 42.3389**, and **45.1570, 12.2476, 38.4503** is the 20% darker color. If you saturate the color by 10%, you get **87.6250, 12.5099, 47.6869**, and if you desaturate by 10%, it is **105.2010, 8.7749, 32.2727**.

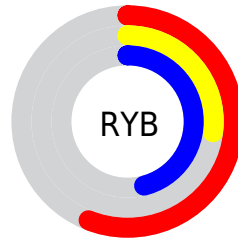
Distribution



Red (56%)

Green (27%)

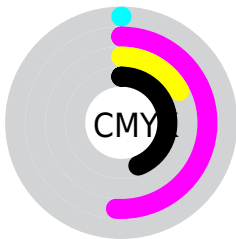
Blue (46%)



Red (56%)

Yellow (27%)

Blue (46%)

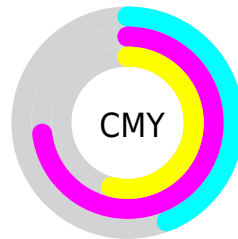


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4130, 10.6424, 39.9798 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 96.4130, 10.6424, 39.9798 by changing the saturation by 10% instead.

96.4130, 10.6424,
39.9798

96.4130, 10.6424,
39.9798

255.0000, 0.0000,
0.0000

70.8150, 10.9372,
38.7502

148.7230, 10.4896,
42.3389

45.1570, 12.2476,
38.4503

175.8480, 10.9209,
43.9833

24.4940, 11.0955,
34.6468

204.1470, 10.7735,
44.5981

16.2340, 5.3076,
24.3508

223.1880, 15.1903,
27.8991

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

96.4130, 10.6424,
39.9798

96.4130, 10.6424,
39.9798

87.6250, 12.5099,
47.6869

105.2010, 8.7749,
32.2727

78.9510, 14.8142,
55.2940

113.8750, 6.4706,
24.6656

69.5760, 16.9710,
63.5158

123.2500, 4.3137,
16.4438

60.7880, 18.8385,
71.2229

132.0380, 2.4463,
8.7367

53.2880, 20.5640,
77.8004

140.7120, 0.1420,
1.1296

149.5000, -1.7255,
-6.5775

158.2880, -3.5930,
-14.2846

167.5490, -6.1867,

-22.4065

■ 176.3370, -8.0541,
-30.1135

Harmonies

Analogous

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



97.5540, 23.3909, 10.9151



96.4130, 10.6424, 39.9798



93.8910, -4.3833, 52.7156

Triad

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



96.4130, 10.6424, 39.9798



89.7000, -31.8971, 10.7871



79.3730, 27.4241, -69.6101

Complementary

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



96.4130, 10.6424, 39.9798



114.5870, -10.6424, -39.9798

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.



76.4260, 13.5940, -67.0256



96.4130, 10.6424, 39.9798



85.7550, -22.0642, -16.4481

Square

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



96.4130, 10.6424, 39.9798



92.4130, -29.7836, 32.9638



72.0770, -0.5310, -63.2115



78.7180, 37.6070, -69.0357

Rectangle

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



96.4130, 10.6424, 39.9798



93.2470, -14.4188, 51.5264



72.0770, -0.5310, -63.2115



78.9340, 23.2035, -69.2251

Sweetspot

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



96.4130, 10.6424, 39.9798



166.5380, 4.1718, 15.3142



84.1990, 28.4959, 6.8415



81.3370, 2.2989, 9.3515



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.



96.4130, 10.6424, 39.9798



112.7500, 16.3923, 62.4862



92.3090, -5.0823, 43.5790



66.6630, 1.1521, 3.8035



50.7390, 19.8487, 73.8969



2.9620, 1.0047, 4.4183

Inverse Universe

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



96.4130, 10.6424, 39.9798



112.7500, 16.3923, 62.4862



118.6910, 5.0823, -43.5790



66.6630, 1.1521, 3.8035



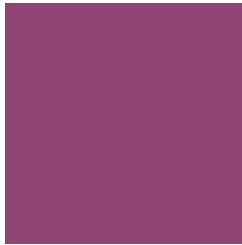
50.7390, 19.8487, 73.8969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 96.4130, 10.6424, 39.9798 looks on a white background.

Color Contrast Check

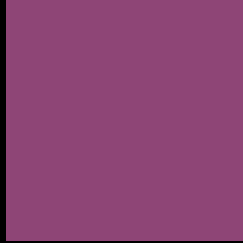
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.4130, 10.6424, 39.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

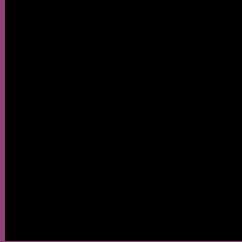
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4130, 10.6424, 39.9798

Background



This preview shows how black text looks on a background with the YUV color 96.4130, 10.6424, 39.9798.



This preview shows how white text looks on a background with the YUV color 96.4130, 10.6424,

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

96.4130, 10.6424, 39.9798

Protanopia

95.2000, 20.1144, -11.5764

Deuteranopia

95.9920, 8.8779, -0.8700



Tritanopia

95.8090, -6.8078, 37.0015

Trichromacy



Original Color

96.4130, 10.6424, 39.9798

Protanomaly

95.6970, 16.4184, 7.2817

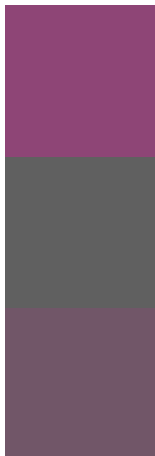
Deuteranomaly

95.9060, 9.4133, 14.1144

Tritanomaly

95.8290, -0.4087, 37.8610

Monochromacy



Original Color

96.4130, 10.6424, 39.9798

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1250, 3.8824, 14.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4130, 10.6424, 39.9798 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 69, 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(142, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 69, 118) }
```

Border

The CSS property to change the border of an element to YUV 96.4130, 10.6424, 39.9798 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, 118) }
```


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

```
.border{ border-color:rgb(142, 69, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 69, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 69, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 69,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 96.4130, 10.6424, 39.9798 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, 118) }
```

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

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