

Converting Colors

YUV(96.6240, 13.9894, 39.7948)

Have a look what the booklet for
YUV(96.6240, 13.9894, 39.7948)
contains.

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Color

**YUV(96.6240, 13.9894,
39.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	8E447D
RGB	142, 68, 125
RGB Percent	56%, 27%, 49%
CMY	0.4431, 0.7333, 0.5098
CMYK	0.00, 0.52, 0.12, 0.44
HSL	314°, 35%, 41%
HSV	314°, 52%, 56%
XYZ	16.9241, 11.3657, 20.7038
YIQ	96.6240, 25.8070, 33.4150

Conversions

Conversions Part 2

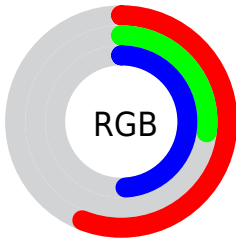
Format	Color
R_{YB}	142, 68, 125
Decimal	9323645
CIE _{Lab}	40.19, 39.10, -18.13
CIE _{LCh}	40, 43.095, 335.123
Yxy	11.3657, 0.3454, 0.2320
Android (android.graphics.Color)	4287513725 (0xFF8E447D)
YUV	96.6240, 13.9894, 39.7948
Hunter-Lab	33.7130, 30.6101, -12.8120

Details

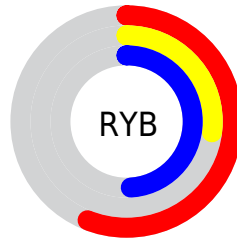
The YUV color **96.6240, 13.9894, 39.7948** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.3760, -13.9894, -39.7948**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0480, 14.2733, 42.0539**, and **44.6670, 15.4472, 38.8800** is the 20% darker color. If you saturate the color by 10%, you get **88.0640, 16.7304, 47.3019**, and if you desaturate by 10%, it is **105.1840, 11.2483, 32.2876**.

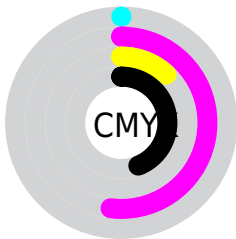
Distribution



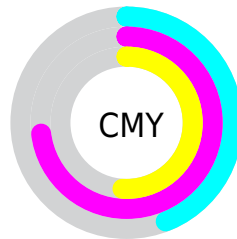
- Red (56%)
- Green (27%)
- Blue (49%)



- Red (56%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6240, 13.9894, 39.7948 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 96.6240, 13.9894, 39.7948 by changing the saturation by 10% instead.

96.6240, 13.9894,
39.7948

96.6240, 13.9894,
39.7948

255.0000, 0.0000,
0.0000

71.0260, 14.2842,
38.5652

149.0480, 14.2733,
42.0539

44.6670, 15.4472,
38.8800

176.6460, 13.9785,
43.2835

25.1780, 13.7162,
34.0469

204.4720, 14.5573,
44.3131

16.8040, 7.4916,
23.8509

223.3020, 15.6271,
27.7991

0.3420, 1.3104,
-0.2999

239.7380, 7.5242,
13.3848

0.0000, 0.0000,
0.0000

96.6240, 13.9894,
39.7948

96.6240, 13.9894,
39.7948

88.0640, 16.7304,
47.3019

105.1840, 11.2483,
32.2876

79.3900, 19.0347,
54.9090

113.8580, 8.9440,
24.6805

70.2430, 22.0652,
62.9309

123.0050, 5.9135,
16.6586

61.6830, 24.8063,
70.4380

131.5650, 3.1725,
9.1515

54.8840, 26.6792,
76.4007

140.1250, 0.4314,
1.6444

148.7990, -1.8729,
-5.9627

157.3590, -4.6140,
-13.4698

166.5060, -7.6445,

-21.4918

■ 175.0660,
-10.3855, -28.9989

Harmonies

Analogous

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



97.2590, 27.4803, 5.9119



96.6240, 13.9894, 39.7948



93.3090, -1.6313, 56.7340

Triad

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



96.6240, 13.9894, 39.7948



89.5820, -36.2759, 15.2756



80.4330, 26.4085, -70.5397

Complementary

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



96.6240, 13.9894, 39.7948



113.3760, -13.9894, -39.7948

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.



77.1440, 11.2680, -67.6553



96.6240, 13.9894, 39.7948



86.0390, -26.1482, -13.1892

Square

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



96.6240, 13.9894, 39.7948



92.1040, -31.1103, 38.4968



71.2790, -3.5885, -62.5117



80.2340, 38.3386, -70.3652

Rectangle

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



96.6240, 13.9894, 39.7948



93.0350, -12.8353, 56.9743



71.2790, -3.5885, -62.5117



79.2930, 22.0406, -69.5400

Sweetspot

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



96.6240, 13.9894, 39.7948



165.5920, 5.6241, 16.1438



81.2200, 29.9645, 2.4381



80.9780, 3.4618, 9.6663



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.



96.6240, 13.9894, 39.7948



112.8300, 21.7758, 62.4161



92.5200, -1.7354, 43.3940



66.7770, 1.5889, 3.7036



52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183

Inverse Universe

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



96.6240, 13.9894, 39.7948



112.8300, 21.7758, 62.4161



117.4800, 1.7354, -43.3940



66.7770, 1.5889, 3.7036



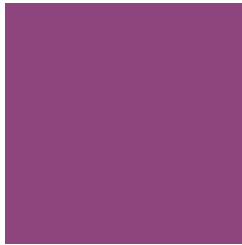
52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 96.6240, 13.9894, 39.7948 looks on a white background.

Color Contrast Check

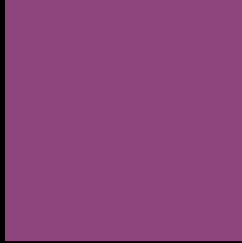
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.6240, 13.9894, 39.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

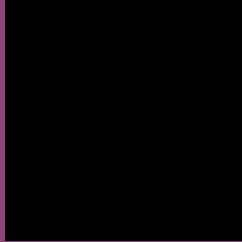
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.6240, 13.9894, 39.7948

Background



This preview shows how black text looks on a background with the YUV color 96.6240, 13.9894, 39.7948.



This preview shows how white text looks on a background with the YUV color 96.6240, 13.9894,

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

96.6240, 13.9894, 39.7948

Protanopia

94.7310, 24.7826, -15.5501

Deuteranopia

95.5940, 12.5252, -4.0289



Tritanopia

96.2110, -6.5130, 35.7720

Trichromacy



Original Color

96.6240, 13.9894, 39.7948

Protanomaly

95.8260, 20.7918, 4.5376

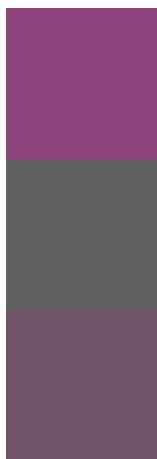
Deuteranomaly

96.1060, 12.7657, 12.1850

Tritanomaly

96.1710, 0.9017, 37.5610

Monochromacy



Original Color

96.6240, 13.9894, 39.7948

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.4670, 5.1928, 14.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6240, 13.9894, 39.7948 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, 68, 125)` looks like.

```
.text, #text, p{  
    color:rgb(142, 68, 125)  
}
```

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, 68, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 68, 125) }
```

Border

The CSS property to change the border of an element to YUV 96.6240, 13.9894, 39.7948 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, 68, 125) }
```


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

```
.border{ border-color:rgb(142, 68, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 68, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 68, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 68, 125); box-shadow:4px 4px 4px 4px rgb(142, 68, 125) }
```

Background

The CSS property to change the background color of an element to YUV 96.6240, 13.9894, 39.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 68, 125) }
```

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

```
.background{ background-color: rgb(142, 68,  
125) }
```

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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