

Converting Colors

YUV(79.6240, 13.9894, 39.7948)

Have a look what the booklet for
YUV(79.6240, 13.9894, 39.7948)
contains.

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Color

**YUV(79.6240, 13.9894,
39.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	7D336C
RGB	125, 51, 108
RGB Percent	49%, 20%, 42%
CMY	0.5098, 0.8000, 0.5765
CMYK	0.00, 0.59, 0.14, 0.51
HSL	314°, 42%, 35%
HSV	314°, 59%, 49%
XYZ	12.3480, 7.8103, 15.0441
YIQ	79.6240, 25.8070, 33.4150

Conversions

Conversions Part 2

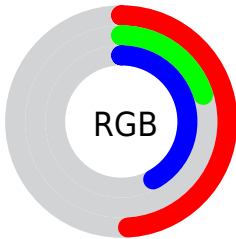
Format	Color
R_{YB}	125, 51, 108
Decimal	8205164
CIE _{Lab}	33.58, 39.51, -17.90
CIE _{LCh}	34, 43.375, 335.621
Yxy	7.8103, 0.3508, 0.2219
Android (android.graphics.Color)	4286395244 (0xFF7D336C)
YUV	79.6240, 13.9894, 39.7948
Hunter-Lab	27.9470, 29.9609, -12.3534

Details

The YUV color **79.6240, 13.9894, 39.7948** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.3760, -13.9894, -39.7948**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9340, 13.8365, 42.1539**, and **28.6670, 15.4472, 38.8800** is the 20% darker color. If you saturate the color by 10%, you get **72.2380, 16.1517, 46.2723**, and if you desaturate by 10%, it is **87.5970, 11.5377, 32.8024**.

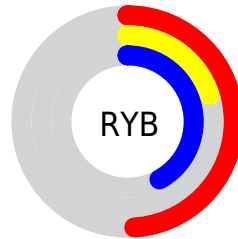
Distribution




 Red (49%)

 Green (20%)

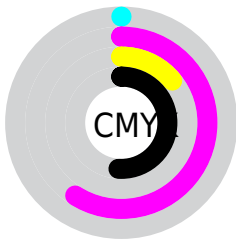
 Blue (42%)




 Red (49%)

 Yellow (20%)

 Blue (42%)

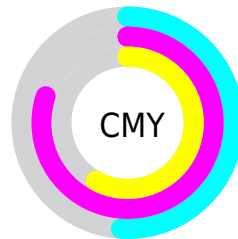



 Cyan (0%)

 Magenta (59%)

 Yellow (14%)

 Black (51%)



 Cyan (51%)

 Magenta (80%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6240, 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 79.6240, 13.9894, 39.7948 by changing the saturation by 10% instead.

79.6240, 13.9894,
39.7948

79.6240, 13.9894,
39.7948

255.0000, 0.0000,
0.0000

53.8520, 14.8630,
39.5948

131.9340, 13.8365,
42.1539

28.6670, 15.4472,
38.8800

158.6460, 13.9785,
43.2835

19.3960, 9.6648,
26.8397

185.6570, 13.9731,
45.0278

7.8040, 4.0406,
10.6959

210.7810, 15.8840,
38.7801

0.0000, 0.0000,
0.0000

228.5850, 13.0226,
23.1660

245.6080, 4.6303,

8.2368

■ 79.6240, 13.9894,
39.7948

■ 79.6240, 13.9894,
39.7948

■ 72.2380, 16.1517,
46.2723

■ 87.5970, 11.5377,
32.8024

■ 64.2650, 18.6034,
53.2646

■ 94.9830, 9.3754,
26.3249

■ 56.8790, 20.7657,
59.7421

■ 102.9560, 6.9237,
19.3326

■ 49.0200, 23.6541,
66.6345

■ 110.2280, 4.3246,
12.9550

■ 48.3190, 23.5067,
67.2492

■ 118.2010, 1.8729,
5.9627

■ 125.5870, -0.2894,
-0.5148

■ 133.5600, -2.7411,
-7.5071

■ 140.9460, -4.9034,
-13.9846

■ 148.9190, -7.3551,
-20.9770

Harmonies

Analogous

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



81.0310, 26.6067, 6.1118



79.6240, 13.9894, 39.7948



75.5370, -0.7577, 56.5341

Triad

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



79.6240, 13.9894, 39.7948



73.8700, -36.4179, 14.1460



68.6300, 24.3394, -60.1885

Complementary

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



79.6240, 13.9894, 39.7948



96.3760, -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.



65.4550, 9.6357, -57.4040



79.6240, 13.9894, 39.7948



69.6260, -26.4376, -13.7040

Square

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



79.6240, 13.9894, 39.7948



75.8650, -31.9784, 36.9524



60.1770, -5.5103, -52.7752



68.9040, 35.5433, -60.4288

Rectangle

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



79.6240, 13.9894, 39.7948



75.5510, -12.1036, 55.6448



60.1770, -5.5103, -52.7752



68.0770, 19.6820, -59.7035

Sweetspot

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



79.6240, 13.9894, 39.7948



145.1790, 5.3348, 15.6290



64.2200, 29.9645, 2.4381



70.8640, 3.0250, 9.7663



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



79.6240, 13.9894, 39.7948



91.9440, 22.2126, 62.3161



75.5200, -1.7354, 43.3940



59.6630, 1.1521, 3.8035



49.4440, 23.9381, 68.8936



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.6240, 13.9894, 39.7948



91.9440, 22.2126, 62.3161



100.4800, 1.7354, -43.3940



59.6630, 1.1521, 3.8035



49.4440, 23.9381, 68.8936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 79.6240, 13.9894, 39.7948 looks on a white background.

Color Contrast Check

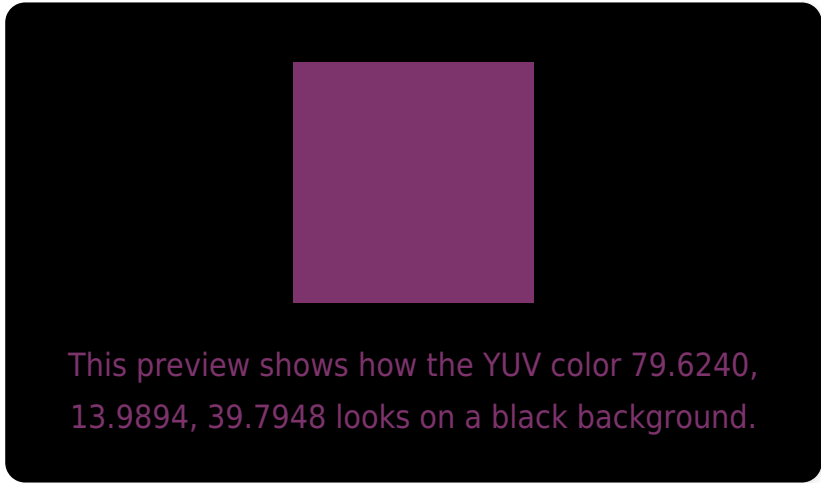
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

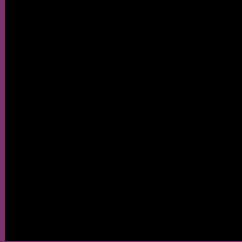
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6240, 13.9894, 39.7948

Background



This preview shows how black text looks on a background with the YUV color 79.6240, 13.9894, 39.7948.



This preview shows how white text looks on a background with the YUV color 79.6240, 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

79.6240, 13.9894, 39.7948

Protanopia

78.2470, 25.5142, -16.8796

Deuteranopia

80.0670, 11.7990, -4.4438



Tritanopia

80.0970, -6.9498, 35.8719

Trichromacy



Original Color

79.6240, 13.9894, 39.7948

Protanomaly

78.6410, 21.3760, 3.8228

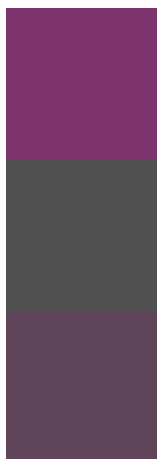
Deuteranomaly

79.6930, 12.4764, 11.6702

Tritanomaly

79.7580, 0.6123, 37.0462

Monochromacy



Original Color

79.6240, 13.9894, 39.7948

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.4670, 5.1928, 14.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6240, 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(125, 51, 108)` looks like.

```
.text, #text, p{  
    color:rgb(125, 51, 108)  
}
```

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(125, 51, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 51, 108) }
```

Border

The CSS property to change the border of an element to YUV 79.6240, 13.9894, 39.7948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

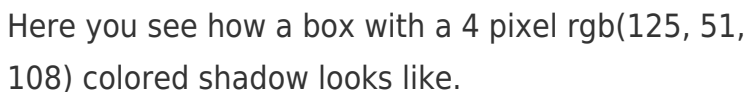
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 51, 108) }
```


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

```
.border{ border-color:rgb(125, 51, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 51, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 51, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 51, 108); box-shadow:4px 4px 4px 4px rgb(125, 51, 108) }
```

Background

The CSS property to change the background color of an element to YUV 79.6240, 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(125, 51, 108) }
```

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

```
.background{ background-color: rgb(125, 51,  
108) }
```

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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