

Converting Colors

YUV(96.6440, 0.1755, 37.1462)

Have a look what the booklet for
YUV(96.6440, 0.1755, 37.1462)
contains.

YUV(96.6440, 0.1755, 37.1462)	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(96.6440, 0.1755,
37.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4B61
RGB	139, 75, 97
RGB Percent	55%, 29%, 38%
CMY	0.4549, 0.7059, 0.6196
CMYK	0.00, 0.46, 0.30, 0.45
HSL	339°, 30%, 42%
HSV	339°, 46%, 55%
XYZ	15.3212, 11.3842, 12.6991
YIQ	96.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

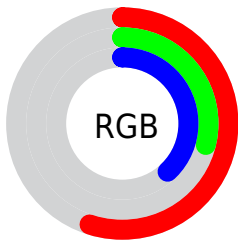
Format	Color
R_{YB}	139, 75, 97
Decimal	9128801
CIE _{Lab}	40.22, 29.79, -0.79
CIE _{LCh}	40, 29.799, 358.490
Yxy	11.3842, 0.3888, 0.2889
Android (android.graphics.Color)	4287318881 (0xFF8B4B61)
YUV	96.6440, 0.1755, 37.1462
Hunter-Lab	33.7405, 22.0092, 1.3030

Details

The YUV color **96.6440, 0.1755, 37.1462** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.3560, -0.1755, -37.1462**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2530, -0.1247, 40.1201**, and **47.6760, 1.6387, 34.4871** is the 20% darker color. If you saturate the color by 10%, you get **87.4000, 0.2958, 45.2532**, and if you desaturate by 10%, it is **105.8880, 0.0552, 29.0392**.

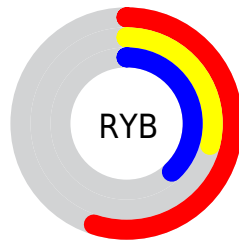
Distribution



Red (55%)

Green (29%)

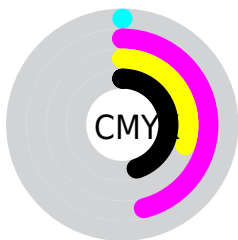
Blue (38%)



Red (55%)

Yellow (29%)

Blue (38%)

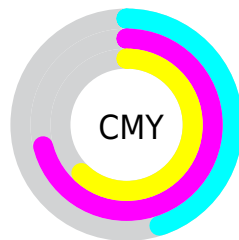


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (45%)



Cyan (45%)


Magenta (71%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.6440, 0.1755, 37.1462 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 96.6440, 0.1755, 37.1462 by changing the saturation by 10% instead.


 96.6440, 0.1755,
37.1462


 96.6440, 0.1755,
37.1462

255.0000, 0.0000,
0.0000

 71.7470, 0.6177,
35.3019


 148.2530, -0.1247,
40.1201

 47.6760, 1.6387,
34.4871

 175.7370, -0.8563,
41.4497


 22.8330, 3.5333,
33.4725

 203.3350, -1.1512,
42.6792

 13.0140, -4.4439,
25.4207

 223.9740, 2.9708,
27.2098

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,
10.2960

■ 96.6440, 0.1755,
37.1462

■ 96.6440, 0.1755,
37.1462

■ 87.4000, 0.2958,
45.2532

■ 105.8880, 0.0552,
29.0392

■ 78.1560, 0.4161,
53.3602

■ 115.1320, -0.0651,
20.9322

■ 68.9120, 0.5364,
61.4672

■ 124.3760, -0.1854,
12.8252

■ 59.6680, 0.6567,
69.5742

■ 133.6200, -0.3057,
4.7183

■ 50.3100, 0.3402,
77.7811

■ 142.9780, 0.0108,
-3.4887

■ 47.0330, 0.4767,
80.6551

■ 151.6350, 0.1799,
-11.0809

■ 160.8790, 0.0597,
-19.1879

■ 170.1230, -0.0606,

-27.2949

■ 179.3670, -0.1809,
-35.4019

Harmonies

Analogous

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



97.8300, 11.4228, 22.9511



96.6440, 0.1755, 37.1462



95.3810, -11.0338, 39.1309

Triad

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



96.6440, 0.1755, 37.1462



90.2280, -19.3394, -3.7080



76.5520, 29.3079, -67.1361

Complementary

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



96.6440, 0.1755, 37.1462



117.3560, -0.1755, -37.1462

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.



76.1470, 20.1405, -66.7809



96.6440, 0.1755, 37.1462



86.1310, -8.9386, -26.4249

Square

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



96.6440, 0.1755, 37.1462



92.9100, -23.6196, 15.8649



74.6070, 9.0677, -61.9223



89.3760, 26.4366, -32.7788

Rectangle

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



96.6440, 0.1755, 37.1462



94.6380, -17.5695, 35.3975



74.6070, 9.0677, -61.9223



76.5690, 26.8345, -67.1510

Sweetspot

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



96.6440, 0.1755, 37.1462



164.3870, -0.1908, 14.5696



94.8540, 21.7640, 19.4220



81.4680, 0.2623, 9.2366



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.



96.6440, 0.1755, 37.1462



114.8900, 0.5472, 57.9785



100.0060, -12.3280, 34.1977



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Inverse Universe

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



96.6440, 0.1755, 37.1462



114.8900, 0.5472, 57.9785



113.9940, 12.3280, -34.1977



64.3210, -0.1583, 4.1035



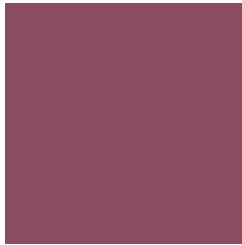
45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 96.6440, 0.1755, 37.1462 looks on a white background.

Color Contrast Check

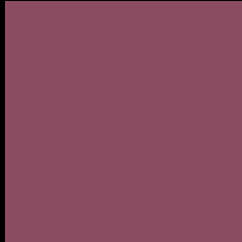
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.6440, 0.1755, 37.1462 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 96.6440, 0.1755, 37.1462

Background



This preview shows how black text looks on a background with the YUV color 96.6440, 0.1755, 37.1462.



This preview shows how white text looks on a background with the YUV color 96.6440, 0.1755,

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

96.6440, 0.1755, 37.1462

Protanopia

95.9980, 6.4100, -2.6292

Deuteranopia

96.1150, -1.0427, 7.7921



Tritanopia

96.5100, -6.6604, 36.3867

Trichromacy



Original Color

96.6440, 0.1755, 37.1462

Protanomaly

96.5160, 4.1826, 11.8255

Deuteranomaly

96.2950, -0.6384, 18.1583

Tritanomaly

96.4930, -4.1870, 36.4016

Monochromacy



Original Color

96.6440, 0.1755, 37.1462

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7890, 0.1040, 13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6440, 0.1755, 37.1462 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(139, 75, 97)` looks like.

```
.text, #text, p{  
    color:rgb(139, 75, 97)  
}
```

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(139, 75, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 75, 97) }
```

Border

The CSS property to change the border of an element to YUV 96.6440, 0.1755, 37.1462 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(139, 75, 97) }
```


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

```
.border{ border-color:rgb(139, 75, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 75, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 75, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 75, 97);  
box-shadow:4px 4px 4px 4px rgb(139, 75,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 96.6440, 0.1755, 37.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 75, 97) }
```

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

```
.background{ background-color: rgb(139, 75,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor