

Converting Colors

YUV(137.6440, 0.1755, 37.1462)

Have a look what the booklet for
YUV(137.6440, 0.1755, 37.1462)
contains.

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Color

**YUV(137.6440, 0.1755,
37.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	B4748A
RGB	180, 116, 138
RGB Percent	71%, 45%, 54%
CMY	0.2941, 0.5451, 0.4588
CMYK	0.00, 0.36, 0.23, 0.29
HSL	339°, 30%, 58%
HSV	339°, 36%, 71%
XYZ	29.6552, 24.0291, 27.1198
YIQ	137.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

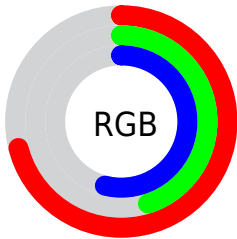
Format	Color
R_{YB}	180, 116, 138
Decimal	11826314
CIE Lab	56.12, 28.27, -1.50
CIE LCh	56, 28.314, 356.970
Yxy	24.0291, 0.3670, 0.2974
Android (android.graphics.Color)	4290016394 (0xFFB4748A)
YUV	137.6440, 0.1755, 37.1462
Hunter-Lab	49.0194, 22.2029, 1.5116

Details

The YUV color **137.6440, 0.1755, 37.1462** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **158.3560, -0.1755, -37.1462**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8400, -0.4141, 39.6053**, and **86.4480, 0.7651, 34.6871** is the 20% darker color. If you saturate the color by 10%, you get **125.7100, 0.1430, 47.6123**, and if you desaturate by 10%, it is **149.5780, 0.2080, 26.6801**.

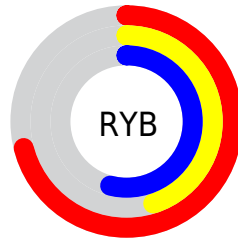
Distribution



Red (71%)

Green (45%)

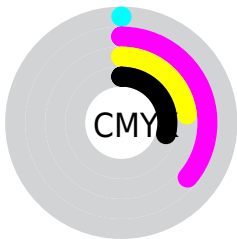
Blue (54%)



Red (71%)

Yellow (45%)

Blue (54%)

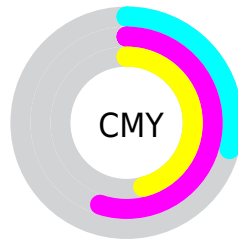


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6440, 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 137.6440, 0.1755, 37.1462 by changing the saturation by 10% instead.


 137.6440, 0.1755,
37.1462

 137.6440, 0.1755,
37.1462


255.0000, 0.0000,
0.0000


 111.7470, 0.6177,
35.3019


 191.8400, -0.4141,
39.6053

 86.4480, 0.7651,
34.6871

 216.2630, 1.3493,
33.9723


 62.5510, 1.2074,
32.8428

 236.5920, 5.6241,
16.1438

 38.1810, 2.3758,
31.4133

253.8260, 0.5788,
1.0296

 17.5720, 2.6760,
28.4394

 7.2900, -3.1010,
14.6547

 0.0000, 0.0000,

0.0000

■ 137.6440, 0.1755,
37.1462

■ 137.6440, 0.1755,
37.1462

■ 125.7100, 0.1430,
47.6123

■ 149.5780, 0.2080,
26.6801

■ 113.7760, 0.1104,
58.0784

■ 161.5120, 0.2406,
16.2140

■ 101.9560, 0.5147,
68.4446

■ 173.3320, -0.1637,
5.8478

■ 90.0220, 0.4822,
78.9107

■ 185.2660, -0.1311,
-4.6183

■ 78.0880, 0.4496,
89.3768

■ 197.2000, -0.0986,
-15.0844

■ 66.1540, 0.4171,
99.8429

■ 209.1340, -0.0661,
-25.5505

■ 60.8880, 0.5482,
104.4612

■ 221.0680, -0.0335,
-36.0166

■ 230.0670, 1.4460,
-43.9088

■ 231.3210, 6.2507,
-45.0085

Harmonies

Analogous

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



138.2320, 11.7176, 21.7215



137.6440, 0.1755, 37.1462



136.2780, -11.4761, 40.9752

Triad

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



137.6440, 0.1755, 37.1462



130.7120, -20.0710, -2.3784



122.4180, 25.9229, -54.7406

Complementary

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



137.6440, 0.1755, 37.1462



158.3560, -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.



118.4250, 18.5245, -61.7627



137.6440, 0.1755, 37.1462



127.2130, -9.9650, -23.8658

Square

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



137.6440, 0.1755, 37.1462



133.2200, -23.7725, 18.2241



122.7400, 4.0722, -46.2530



130.8710, 25.6996, -29.7049

Rectangle

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



137.6440, 0.1755, 37.1462



135.3500, -17.4275, 36.5271



122.7400, 4.0722, -46.2530



120.6300, 24.3394, -60.1885

Sweetspot

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



137.6440, 0.1755, 37.1462



217.8000, 0.0986, 15.0844



135.8540, 21.7640, 19.4220



107.0550, -0.0271, 8.7218



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.6440, 0.1755, 37.1462



168.0750, -0.0370, 58.6932



141.0060, -12.3280, 34.1977



83.0330, -0.0163, 5.2331



51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Inverse Universe

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



137.6440, 0.1755, 37.1462



168.0750, -0.0370, 58.6932



154.9940, 12.3280, -34.1977



83.0330, -0.0163, 5.2331



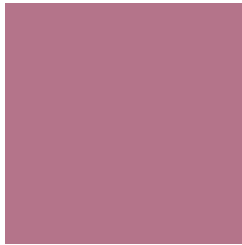
51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 137.6440, 0.1755, 37.1462 looks on a white background.

Color Contrast Check

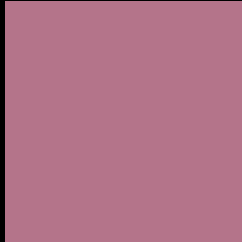
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 137.6440, 0.1755, 37.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

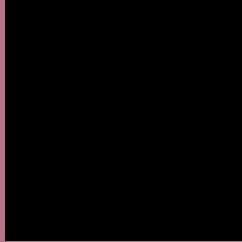
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6440, 0.1755, 37.1462

Background



This preview shows how black text looks on a background with the YUV color 137.6440, 0.1755, 37.1462.



This preview shows how white text looks on a background with the YUV color 137.6440, 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

137.6440, 0.1755, 37.1462

Protanopia

135.4110, 6.6994, -2.1144

Deuteranopia

136.5390, -0.7587, 10.0513



Tritanopia

137.2650, -5.0606, 36.6016

Trichromacy



Original Color

137.6440, 0.1755, 37.1462

Protanomaly

135.9290, 4.4720, 12.3403

Deuteranomaly

137.3060, -0.6439, 19.9026

Tritanomaly

137.1340, -3.0241, 36.7165

Monochromacy



Original Color

137.6440, 0.1755, 37.1462

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7890, 0.1040, 13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6440, 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(180, 116, 138)` looks like.

```
.text, #text, p{  
    color:rgb(180, 116, 138)  
}
```

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(180, 116, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 116, 138) }
```

Border

The CSS property to change the border of an element to YUV 137.6440, 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(180, 116, 138) }
```


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

```
.border{ border-color:rgb(180, 116, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 116, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 116, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 116, 138);  
box-shadow:4px 4px 4px 4px rgb(180, 116,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 137.6440, 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(180, 116, 138) }
```

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

```
.background{ background-color: rgb(180,  
116, 138) }
```

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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