

Converting Colors

YUV(121.3970, -8.5767,
44.3788)

Have a look what the booklet for
YUV(121.3970, -8.5767, 44.3788)
contains.

YUV(121.3970, -8.5767, 44.3788)	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(121.3970, -8.5767,
44.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6368
RGB	172, 99, 104
RGB Percent	67%, 39%, 41%
CMY	0.3255, 0.6118, 0.5922
CMYK	0.00, 0.42, 0.40, 0.33
HSL	356°, 31%, 53%
HSV	356°, 42%, 67%
XYZ	23.9738, 18.6938, 15.4414
YIQ	121.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

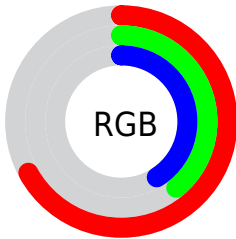
Format	Color
RYB	172, 99, 104
Decimal	11297640
CIELab	50.33, 30.02, 10.06
CIElCh	50, 31.663, 18.525
Yxy	18.6938, 0.4126, 0.3217
Android (android.graphics.Color)	4289487720 (0xFFAC6368)
YUV	121.3970, -8.5767, 44.3788
Hunter-Lab	43.2363, 23.3115, 9.0906

Details

The YUV color **121.3970, -8.5767, 44.3788** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.6030, 8.5767, -44.3788**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7780, -9.7506, 47.5527**, and **70.8310, -6.8187, 40.4902** is the 20% darker color. If you saturate the color by 10%, you get **109.5940, -10.6458, 54.7301**, and if you desaturate by 10%, it is **133.2000, -6.5076, 34.0276**.

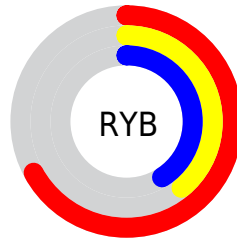
Distribution



Red (67%)

Green (39%)

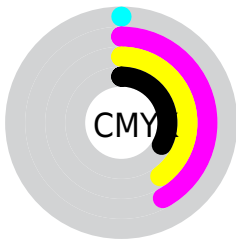
Blue (41%)



Red (67%)

Yellow (39%)

Blue (41%)

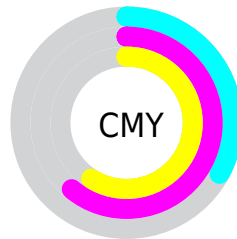


Cyan (0%)

Magenta (42%)

Yellow (40%)

Black (33%)



Cyan (33%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3970, -8.5767, 44.3788 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 121.3970, -8.5767, 44.3788 by changing the saturation by 10% instead.

■ 121.3970, -8.5767,
44.3788

■ 121.3970, -8.5767,
44.3788

255.0000, 0.0000,
0.0000

■ 95.6140, -7.6977,
42.4345

■ 174.7780, -9.7506,
47.5527

■ 70.8310, -6.8187,
40.4902

■ 201.4790, -9.6031,
46.9379

■ 46.2760, -5.0661,
38.3459

■ 220.9930, -5.9125,
29.8241

■ 21.7320, -3.3189,
37.9460

■ 240.7350, -1.3484,
12.5104

■ 12.9710, -5.9017,
26.3354

■ 0.0000, 0.0000,
0.0000

121.3970, -8.5767,
44.3788

121.3970, -8.5767,
44.3788

109.5940,
-10.6458, 54.7301

133.2000, -6.5076,
34.0276

97.7910, -12.7150,
65.0813

145.0030, -4.4385,
23.6764

85.4010, -14.4947,
75.9473

157.3930, -2.6587,
12.8103

73.5980, -16.5638,
86.2986

169.1960, -0.5896,
2.4591

61.7950, -18.6329,
96.6498

180.9990, 1.4795,
-7.8921

52.7960, -20.1124,
104.5419

192.8020, 3.5486,
-18.2434

204.6050, 5.6177,
-28.5946

216.9950, 7.3975,

-39.4606

 228.7980, 9.4666,
-49.8118

Harmonies

Analogous

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



122.3820, 4.2487, 37.3760



121.3970, -8.5767, 44.3788



120.0900, -19.7644, 39.3861

Triad

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



121.3970, -8.5767, 44.3788



112.6820, -14.6332, -19.8921



110.9120, 30.1164, -46.4038

Complementary

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



121.3970, -8.5767, 44.3788



149.6030, 8.5767, -44.3788

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.



95.0230, 31.5407, -83.3352



121.3970, -8.5767, 44.3788



105.9310, 1.0200, -47.2975

Square

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



121.3970, -8.5767, 44.3788



115.8330, -23.5817, 3.6545



94.1620, 20.6261, -82.5801



120.1660, 25.0612, -11.5466

Rectangle

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



121.3970, -8.5767, 44.3788



118.8840, -24.0998, 29.9197



94.1620, 20.6261, -82.5801



105.7640, 31.1753, -59.4290

Sweetspot

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



121.3970, -8.5767, 44.3788



203.8990, -3.4012, 17.6286



127.3550, 22.0100, 33.8917



99.4960, -2.2165, 10.9660



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



121.3970, -8.5767, 44.3788



144.9980, -13.3100, 69.2848



138.4370, -19.4424, 29.4348



80.8050, -0.8899, 5.4330



45.9900, -17.7431, 91.2168



7.1050, -2.5168, 13.9399

Inverse Universe

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



121.3970, -8.5767, 44.3788



144.9980, -13.3100, 69.2848



132.5630, 19.4424, -29.4348



80.8050, -0.8899, 5.4330



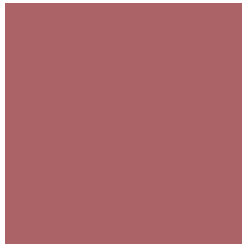
45.9900, -17.7431, 91.2168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 121.3970, -8.5767, 44.3788 looks on a white background.

Color Contrast Check

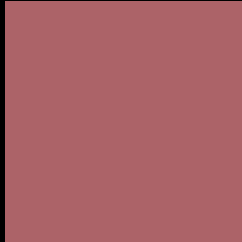
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.3970, -8.5767, 44.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

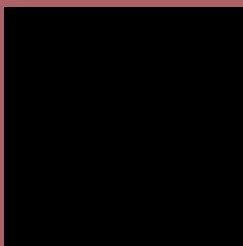
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.3970, -8.5767, 44.3788

Background



This preview shows how black text looks on a background with the YUV color 121.3970, -8.5767, 44.3788.



This preview shows how white text looks on a background with the YUV color 121.3970, -8.5767,

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

121.3970, -8.5767, 44.3788

Protanopia

120.6260, -2.7736, 2.9590

Deuteranopia

121.1670, -9.9423, 15.6395



Tritanopia

121.6250, -7.7031, 44.1789

Trichromacy



Original Color

121.3970, -8.5767, 44.3788

Protanomaly

120.5570, -4.7116, 17.9285

Deuteranomaly

121.3470, -9.5381, 26.0057

Tritanomaly

121.5110, -8.1399, 44.2789

Monochromacy



Original Color

121.3970, -8.5767, 44.3788

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3010, -3.1064, 16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3970, -8.5767, 44.3788 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(172, 99, 104)` looks like.

```
.text, #text, p{  
    color:rgb(172, 99, 104)  
}
```

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(172, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 99, 104) }
```

Border

The CSS property to change the border of an element to YUV 121.3970, -8.5767, 44.3788 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(172, 99, 104) }
```


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

```
.border{ border-color:rgb(172, 99, 104) }
```

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

Here you see how a box with a 4 pixel rgb(172, 99, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(172, 99,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 121.3970, -8.5767, 44.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 99, 104) }
```

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

```
.background{ background-color: rgb(172, 99,  
104) }
```

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