

Converting Colors

YUV(126.7640, -1.8557,
35.2870)

Have a look what the booklet for
YUV(126.7640, -1.8557, 35.2870)
contains.

YUV(126.7640, -1.8557, 35.2870)	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(126.7640, -1.8557,
35.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	A76B7B
RGB	167, 107, 123
RGB Percent	65%, 42%, 48%
CMY	0.3451, 0.5804, 0.5176
CMYK	0.00, 0.36, 0.26, 0.35
HSL	344°, 25%, 54%
HSV	344°, 36%, 65%
XYZ	24.7692, 20.1609, 21.3249
YIQ	126.7640, 30.6240, 17.6960

Conversions

Conversions Part 2

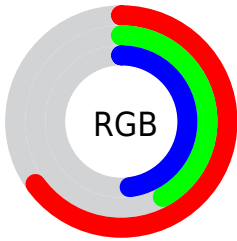
Format	Color
R_{YB}	167, 107, 123
Decimal	10972027
CIE _{Lab}	52.02, 26.19, 1.13
CIE _{LCh}	52, 26.211, 2.465
Yxy	20.1609, 0.3738, 0.3043
Android (android.graphics.Color)	4289162107 (0xFFA76B7B)
YUV	126.7640, -1.8557, 35.2870
Hunter-Lab	44.9009, 19.8913, 3.2720

Details

The YUV color **126.7640, -1.8557, 35.2870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.2360, 1.8557, -35.2870**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9600, -2.4453, 37.7461**, and **76.2690, -1.1186, 32.2131** is the 20% darker color. If you saturate the color by 10%, you get **115.4170, -2.1776, 45.2383**, and if you desaturate by 10%, it is **138.1110, -1.5337, 25.3357**.

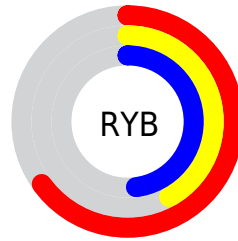
Distribution



Red (65%)

Green (42%)

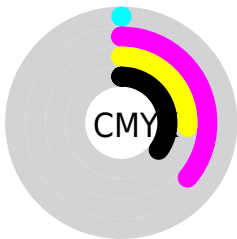
Blue (48%)



Red (65%)

Yellow (42%)

Blue (48%)

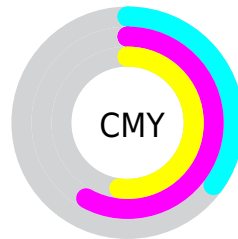


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7640, -1.8557, 35.2870 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 126.7640, -1.8557, 35.2870 by changing the saturation by 10% instead.

126.7640, -1.8557,
35.2870

126.7640, -1.8557,
35.2870

255.0000, 0.0000,
0.0000

101.1660, -1.5608,
34.0574

179.9600, -2.4453,
37.7461

76.2690, -1.1186,
32.2131

207.6720, -2.3033,
38.8757

52.7850, -0.3870,
30.8836

228.1970, 1.3819,
23.5062

29.4150, 0.7814,
29.4540

247.9560, 3.4727,
6.1776

13.2420, -3.5703,
25.2208

0.0000, 0.0000,
0.0000

126.7640, -1.8557,
35.2870

126.7640, -1.8557,
35.2870

115.4170, -2.1776,
45.2383

138.1110, -1.5337,
25.3357

104.6570, -2.7889,
54.6748

148.8710, -0.9224,
15.8991

93.1960, -3.5476,
64.7261

160.3320, -0.1637,
5.8478

81.8490, -3.8696,
74.6774

171.6790, 0.1583,
-4.1035

70.5020, -4.1915,
84.6287

182.4390, 0.7696,
-13.5400

59.7420, -4.8028,
94.0653


193.7860, 1.0915,
-23.4913

55.0630, -4.9611,
98.1687

205.2470, 1.8502,
-33.5426

216.5940, 2.1722,

-43.4939

 226.1800, 3.3623,
-51.9009

Harmonies

Analogous

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



127.1460, 8.8020, 23.5510



126.7640, -1.8557, 35.2870



125.4300, -12.0440, 36.4569

Triad

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



126.7640, -1.8557, 35.2870



120.2000, -16.8606, -5.4374



114.6040, 23.8592, -46.1337

Complementary

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



126.7640, -1.8557, 35.2870



147.2360, 1.8557, -35.2870

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.



109.7570, 18.3608, -55.9149



126.7640, -1.8557, 35.2870



116.4130, -6.6126, -25.7952

Square

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



126.7640, -1.8557, 35.2870



122.4690, -21.4302, 13.6207



112.3210, 6.2507, -45.0085



121.9320, 23.2045, -22.7424

Rectangle

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



126.7640, -1.8557, 35.2870



124.6160, -17.5587, 31.9088



112.3210, 6.2507, -45.0085



112.3430, 23.0019, -51.1668

Sweetspot

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



126.7640, -1.8557, 35.2870



200.8600, -0.9170, 14.1548



126.9960, 19.7220, 21.0515



99.9410, -0.4639, 8.8217



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.7640, -1.8557, 35.2870



154.5430, -3.2257, 54.7748



133.1580, -12.8959, 29.6794



78.6200, -0.3057, 4.7183



48.6980, -4.7811, 87.0879



6.5500, -0.7641, 11.7957

Inverse Universe

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



126.7640, -1.8557, 35.2870



154.5430, -3.2257, 54.7748



140.8420, 12.8959, -29.6794



78.6200, -0.3057, 4.7183



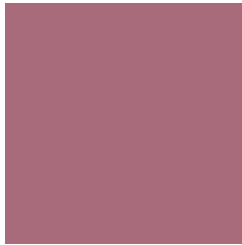
48.6980, -4.7811, 87.0879



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 126.7640, -1.8557, 35.2870 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 126.7640, -1.8557, 35.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

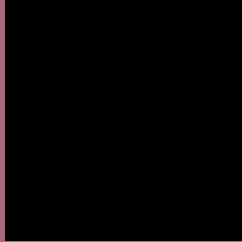
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7640, -1.8557, 35.2870

Background



This preview shows how black text looks on a background with the YUV color 126.7640, -1.8557, 35.2870.



This preview shows how white text looks on a background with the YUV color 126.7640, -1.8557,

35.2870.

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

126.7640, -1.8557, 35.2870

Protanopia

125.0260, 3.9312, -0.8998

Deuteranopia

125.4960, -2.2165, 10.9660



Tritanopia

126.2540, -5.0552, 34.8572

Trichromacy



Original Color

126.7640, -1.8557, 35.2870

Protanomaly

125.8320, 1.5618, 12.4253

Deuteranomaly

125.9640, -1.9543, 20.2026

Tritanomaly

126.5960, -3.7448, 34.5573

Monochromacy



Original Color

126.7640, -1.8557, 35.2870

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2620, -0.6222, 12.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7640, -1.8557, 35.2870 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(167, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(167, 107, 123)  
}
```

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(167, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 107, 123) }
```

Border

The CSS property to change the border of an element to YUV 126.7640, -1.8557, 35.2870 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(167, 107, 123) }
```


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

```
.border{ border-color:rgb(167, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(167, 107,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 126.7640, -1.8557, 35.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 107, 123) }
```

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

```
.background{ background-color: rgb(167,  
107, 123) }
```

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