

Converting Colors

YUV(118.7700, 8.9874, 10.7257)

Have a look what the booklet for
YUV(118.7700, 8.9874, 10.7257)
contains.

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Color

**YUV(118.7700, 8.9874,
10.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	836D89
RGB	131, 109, 137
RGB Percent	51%, 43%, 54%
CMY	0.4863, 0.5725, 0.4627
CMYK	0.04, 0.20, 0.00, 0.46
HSL	287°, 11%, 48%
HSV	287°, 20%, 54%
XYZ	19.3441, 17.5687, 26.0385
YIQ	118.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

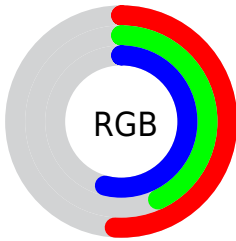
Format	Color
R_{YB}	131, 109, 137
Decimal	8613257
CIE Lab	48.97, 14.07, -12.13
CIE LCh	49, 18.574, 319.244
Yxy	17.5687, 0.3073, 0.2791
Android (android.graphics.Color)	4286803337 (0xFF836D89)
YUV	118.7700, 8.9874, 10.7257
Hunter-Lab	41.9151, 9.0276, -7.4916

Details

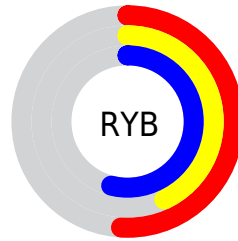
The YUV color **118.7700, 8.9874, 10.7257** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.2300, -8.9874, -10.7257**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1830, 9.2768, 11.2405**, and **69.9440, 8.4086, 9.6961** is the 20% darker color. If you saturate the color by 10%, you get **109.6550, 13.4811, 16.0886**, and if you desaturate by 10%, it is **127.8850, 4.4937, 5.3629**.

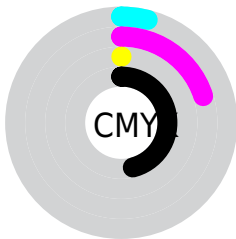
Distribution



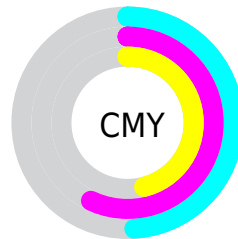
- Red (51%)
- Green (43%)
- Blue (54%)



- Red (51%)
- Yellow (43%)
- Blue (54%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7700, 8.9874, 10.7257 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 118.7700, 8.9874, 10.7257 by changing the saturation by 10% instead.

■ 118.7700, 8.9874,
10.7257

■ 118.7700, 8.9874,
10.7257

■ 255.0000, 0.0000,
0.0000

■ 94.3570, 8.6980,
10.2109

■ 171.1830, 9.2768,
11.2405

■ 69.9440, 8.4086,
9.6961

■ 198.5960, 9.5662,
11.7553

■ 47.5310, 8.1192,
9.1813

■ 226.1230, 10.2924,
12.1701

■ 26.7050, 7.5404,
8.1517

■ 248.5430, 3.1833,
5.6628

■ 6.3950, 7.6933,
5.7926

■ 0.0000, 0.0000,
0.0000

■ 118.7700, 8.9874,
10.7257

■ 118.7700, 8.9874,
10.7257

■ 109.6550, 13.4811,
16.0886

■ 127.8850, 4.4937,
5.3629

■ 101.1270, 17.6854,
20.9366

■ 136.4130, 0.2894,
0.5148

■ 92.0120, 22.1791,
26.2995

■ 145.5280, -4.2043,
-4.8481

■ 82.8970, 26.6728,
31.6623

■ 154.6430, -8.6980,
-10.2109

■ 74.3690, 30.8771,
36.5104

■ 163.7580,
-13.1917, -15.5738

■ 65.2540, 35.3708,
41.8732

■ 172.2860,
-17.3960, -20.4218

■ 56.1390, 39.8645,
47.2361

■ 181.4010,
-21.8897, -25.7847

■ 47.9100, 43.9214,

■ 190.2170,

52.6989

-26.2360, -31.7623

 198.7450,
-30.4403, -36.6104

Harmonies

Analogous

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



116.7510, 14.4198, -5.0436



118.7700, 8.9874, 10.7257



119.3000, 1.8241, 21.6619

Triad

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



118.7700, 8.9874, 10.7257



115.9020, -14.7417, 14.9949



108.9680, 8.3968, -33.2979

Complementary

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



118.7700, 8.9874, 10.7257



127.2300, -8.9874, -10.7257

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.



110.4330, -0.2135, -24.9357



118.7700, 8.9874, 10.7257



114.7540, -13.6827, 1.9697

Square

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



118.7700, 8.9874, 10.7257



117.0540, -11.8586, 23.6316



112.6320, -8.6926, -11.9553



110.2870, 14.6485, -31.8237

Rectangle

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



118.7700, 8.9874, 10.7257



118.6550, -3.2809, 25.7356



112.6320, -8.6926, -11.9553



109.2950, 5.7706, -30.9537

Sweetspot

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



118.7700, 8.9874, 10.7257



171.6460, 3.6255, 3.8185



115.7140, 10.4940, -5.8882



85.1790, 1.8838, 2.4740



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.7700, 8.9874, 10.7257



149.5950, 14.4967, 17.0182



119.6520, 4.6086, 15.2142



64.2930, 2.3206, 2.3740



46.2580, 42.7638, 50.6397



1.7660, 1.5944, 1.9592

Inverse Universe

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



118.0560, -1.5066, 16.6139



148.4810, -2.7021, 26.7652



126.3480, -4.6086, -15.2142



64.2070, -0.5951, 4.2035



42.9590, -7.3748, 78.9660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 118.7700, 8.9874, 10.7257 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 118.7700, 8.9874, 10.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

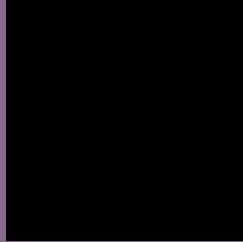
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.7700, 8.9874, 10.7257

Background



This preview shows how black text looks on a background with the YUV color 118.7700, 8.9874, 10.7257.



This preview shows how white text looks on a background with the YUV color 118.7700, 8.9874,

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

118.7700, 8.9874, 10.7257

Protanopia

116.7680, 11.9464, -5.0585

Deuteranopia

117.7040, 9.0199, 0.2596



Tritanopia

118.1090, 1.4253, 9.5514

Trichromacy



Original Color

118.7700, 8.9874, 10.7257

Protanomaly

117.5730, 11.0565, 0.3745

Deuteranomaly

118.0250, 8.8617, 4.3631

Tritanomaly

118.5050, 4.1880, 10.0811

Monochromacy



Original Color

118.7700, 8.9874, 10.7257

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6460, 3.6255, 3.8185

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7700, 8.9874, 10.7257 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(131, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(131, 109, 137)  
}
```

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(131, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 109, 137) }
```

Border

The CSS property to change the border of an element to YUV 118.7700, 8.9874, 10.7257 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(131, 109, 137) }
```


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

```
.border{ border-color:rgb(131, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 109, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 109, 137); box-shadow:4px 4px 4px 4px rgb(131, 109, 137) }
```

Background

The CSS property to change the background color of an element to YUV 118.7700, 8.9874, 10.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 109, 137) }
```

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

```
.background{ background-color: rgb(131,  
109, 137) }
```

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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