

Converting Colors

YUV(123.1450, 6.8305, 2.5038)

Have a look what the booklet for
YUV(123.1450, 6.8305, 2.5038)
contains.

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Color

**YUV(123.1450, 6.8305,
2.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7789
RGB	126, 119, 137
RGB Percent	49%, 47%, 54%
CMY	0.5059, 0.5333, 0.4627
CMYK	0.08, 0.13, 0.00, 0.46
HSL	263°, 7%, 50%
HSV	263°, 13%, 54%
XYZ	19.7164, 19.4354, 26.3792
YIQ	123.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

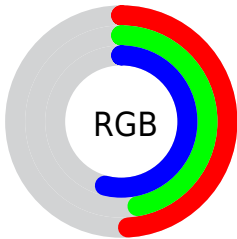
Format	Color
R_{YB}	126, 119, 137
Decimal	8288137
CIE Lab	51.19, 6.36, -8.83
CIE LCh	51, 10.882, 305.757
Yxy	19.4354, 0.3009, 0.2966
Android (android.graphics.Color)	4286478217 (0xFF7E7789)
YUV	123.1450, 6.8305, 2.5038
Hunter-Lab	44.0856, 2.6806, -4.6170

Details

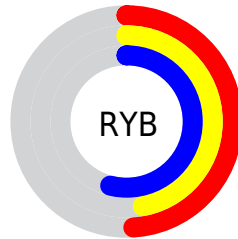
The YUV color **123.1450, 6.8305, 2.5038** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **132.8550, -6.8305, -2.5038**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5580, 7.1199, 3.0186**, and **74.6180, 6.1043, 2.0890** is the 20% darker color. If you saturate the color by 10%, you get **112.5350, 12.0612, 4.7928**, and if you desaturate by 10%, it is **133.7550, 1.5998, 0.2149**.

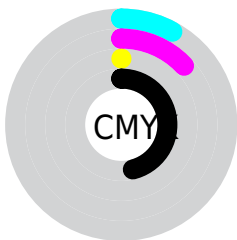
Distribution



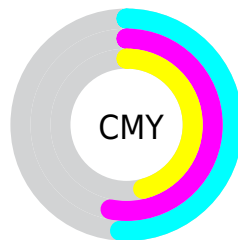
- Red (49%)
- Green (47%)
- Blue (54%)



- Red (49%)
- Yellow (47%)
- Blue (54%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1450, 6.8305, 2.5038 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 123.1450, 6.8305, 2.5038 by changing the saturation by 10% instead.

■ 123.1450, 6.8305,
2.5038

■ 123.1450, 6.8305,
2.5038

■ 255.0000, 0.0000,
0.0000

■ 98.1450, 6.8305,
2.5038

■ 175.5580, 7.1199,
3.0186

■ 74.6180, 6.1043,
2.0890

■ 202.6720, 7.5567,
2.9187

■ 51.6180, 6.1043,
2.0890

■ 230.7860, 7.9935,
2.8187

■ 30.5040, 5.6675,
2.1890

■ 5.7970, 7.9881,
4.5630

■ 0.0000, 0.0000,
0.0000

■ 123.1450, 6.8305,
2.5038

■ 123.1450, 6.8305,
2.5038

■ 112.5350, 12.0612,
4.7928

■ 133.7550, 1.5998,
0.2149

■ 102.2130, 17.1500,
5.9522

■ 144.0770, -3.4890,
-0.9445

■ 91.6030, 22.3807,
8.2412

■ 154.6870, -8.7197,
-3.2335

■ 80.9930, 27.6115,
10.5301

■ 165.2970,
-13.9504, -5.5225

■ 70.6710, 32.7002,
11.6895

■ 175.6190,
-19.0392, -6.6819

■ 60.0610, 37.9309,
13.9785

■ 186.2290,
-24.2699, -8.9708

■ 49.1520, 43.3091,
15.6527

■ 197.1380,
-29.6480, -10.6450

■ 38.5420, 48.5398,

■ 207.7480,

17.9417

-34.8788, -12.9340

■ 31.4650, 52.0288,
18.8862

■ 217.7710,
-39.8201, -14.7082

Harmonies

Analogous

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



121.6600, 9.0416, -6.7178



123.1450, 6.8305, 2.5038



124.1630, 2.8776, 10.3810

Triad

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



123.1450, 6.8305, 2.5038



122.4870, -8.6211, 11.8509



118.4710, 2.2328, -16.1991

Complementary

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



123.1450, 6.8305, 2.5038



132.8550, -6.8305, -2.5038

Split Complementary

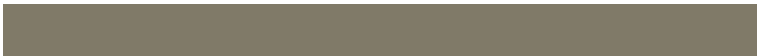
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.5380, -2.7302, -10.9958



123.1450, 6.8305, 2.5038



121.7420, -8.7468, 5.4883

Square

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



123.1450, 6.8305, 2.5038



122.9050, -5.8692, 15.8693



120.5560, -6.6831, -3.1186



118.8990, 6.4588, -18.3284

Rectangle

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



123.1450, 6.8305, 2.5038



124.0880, -0.0434, 13.9548



120.5560, -6.6831, -3.1186



118.7270, 0.6276, -14.6696

Sweetspot

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



123.1450, 6.8305, 2.5038



172.8090, 3.0522, 1.0445



127.5090, 4.6791, -7.4624



86.0540, 1.4524, 0.8296



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.



123.1450, 6.8305, 2.5038



156.5950, 11.0457, 3.8632



125.8360, 5.5039, 8.0368



63.6950, 2.6154, 1.1445



30.7100, 50.4290, 18.6713



1.1680, 1.8892, 0.7297

Inverse Universe

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



125.6360, 2.1515, 9.9662



160.6090, 3.1508, 16.1289



130.1640, -5.5039, -8.0368



64.5490, 0.7153, 3.9035



49.0010, 15.7755, 73.6671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 123.1450, 6.8305, 2.5038 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 123.1450, 6.8305, 2.5038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

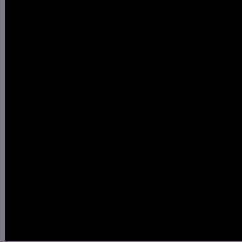
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1450, 6.8305, 2.5038

Background



This preview shows how black text looks on a background with the YUV color 123.1450, 6.8305, 2.5038.



This preview shows how white text looks on a background with the YUV color 123.1450, 6.8305,

2.5038.

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

123.1450, 6.8305, 2.5038

Protanopia

122.3400, 7.7204, -2.9292

Deuteranopia

123.4440, 6.6831, 3.1186



Tritanopia

122.6350, 3.6309, 2.0741

Trichromacy



Original Color

123.1450, 6.8305, 2.5038

Protanomaly

122.6500, 7.5675, -0.5701

Deuteranomaly

123.4440, 6.6831, 3.1186

Tritanomaly

122.9770, 4.9413, 1.7742

Monochromacy



Original Color

123.1450, 6.8305, 2.5038

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1450, 6.8305, 2.5038 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(126, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 119, 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(126, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 119, 137) }
```

Border

The CSS property to change the border of an element to YUV 123.1450, 6.8305, 2.5038 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(126, 119, 137) }
```


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

```
.border{ border-color:rgb(126, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 119,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 123.1450, 6.8305, 2.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 119, 137) }
```

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

```
.background{ background-color: rgb(126,  
119, 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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