

Converting Colors

YUV(81.7330, 8.5126, 23.0362)

Have a look what the booklet for
YUV(81.7330, 8.5126, 23.0362)
contains.

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Color

**YUV(81.7330, 8.5126,
23.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4163
RGB	108, 65, 99
RGB Percent	42%, 25%, 39%
CMY	0.5765, 0.7451, 0.6118
CMYK	0.00, 0.40, 0.08, 0.58
HSL	313°, 25%, 34%
HSV	313°, 40%, 42%
XYZ	10.3268, 7.8696, 12.7791
YIQ	81.7330, 14.7140, 19.6900

Conversions

Conversions Part 2

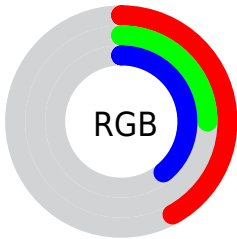
Format	Color
R_{YB}	108, 65, 99
Decimal	7094627
CIE _{Lab}	33.71, 24.32, -12.21
CIE _{LCh}	34, 27.215, 333.332
Yxy	7.8696, 0.3334, 0.2541
Android (android.graphics.Color)	4285284707 (0xFF6C4163)
YUV	81.7330, 8.5126, 23.0362
Hunter-Lab	28.0528, 16.6169, -7.3718

Details

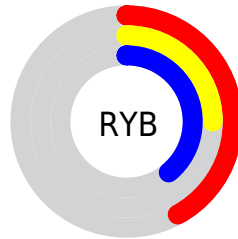
The YUV color **81.7330, 8.5126, 23.0362** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.2670, -8.5126, -23.0362**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8580, 8.9440, 24.6805**, and **35.3090, 8.2287, 20.7770** is the 20% darker color. If you saturate the color by 10%, you get **75.0480, 10.8223, 28.8989**, and if you desaturate by 10%, it is **88.4180, 6.2029, 17.1734**.

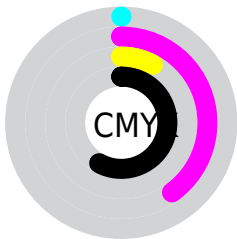
Distribution



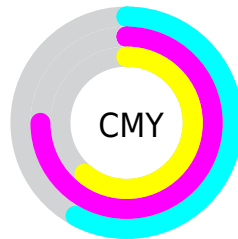
- Red (42%)
- Green (25%)
- Blue (39%)



- Red (42%)
- Yellow (25%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7330, 8.5126, 23.0362 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 81.7330, 8.5126, 23.0362 by changing the saturation by 10% instead.

81.7330, 8.5126,
23.0362

81.7330, 8.5126,
23.0362

255.0000, 0.0000,
0.0000

58.0210, 8.3706,
21.9066

131.8580, 8.9440,
24.6805

35.3090, 8.2287,
20.7770

158.5700, 9.0860,
25.8101

14.8960, 7.9393,
20.2622

185.2820, 9.2280,
26.9397

0.3420, 1.3104,
-0.2999

213.2820, 9.2280,
26.9397

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.0650, 1.4470,

2.5740

■ 81.7330, 8.5126,
23.0362

■ 81.7330, 8.5126,
23.0362

■ 75.0480, 10.8223,
28.8989

■ 88.4180, 6.2029,
17.1734

■ 68.2490, 12.6952,
34.8616

■ 95.2170, 4.3300,
11.2107

■ 62.1510, 14.7156,
40.2096

■ 101.3150, 2.3097,
5.8627

■ 55.4660, 17.0253,
46.0723

■ 108.0000, 0.0000,
0.0000

■ 48.7810, 19.3350,
51.9351

■ 114.6850, -2.3097,
-5.8627

■ 41.9820, 21.2079,
57.8978

■ 121.4840, -4.1826,
-11.8255

■ 128.1690, -6.4923,
-17.6882

■ 134.2670, -8.5126,
-23.0362

■ 140.9520,
-10.8223, -28.8989

Harmonies

Analogous

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



81.0770, 16.7240, 2.5635



81.7330, 8.5126, 23.0362



80.2800, -1.1240, 33.9574

Triad

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



81.7330, 8.5126, 23.0362



77.2730, -20.8406, 11.1616



64.4580, 18.5082, -56.5297

Complementary

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



81.7330, 8.5126, 23.0362



91.2670, -8.5126, -23.0362

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.



62.0640, 9.3354, -54.4301



81.7330, 8.5126, 23.0362



75.0150, -16.2764, -6.1522

Square

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



81.7330, 8.5126, 23.0362



78.6430, -18.5580, 25.7461



70.9290, -5.8810, -27.1247



64.4070, 25.9283, -56.4849

Rectangle

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



81.7330, 8.5126, 23.0362



80.0430, -8.4022, 35.0423



70.9290, -5.8810, -27.1247



63.7740, 15.8874, -55.9298

Sweetspot

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



81.7330, 8.5126, 23.0362



129.6790, 3.6093, 9.0515



72.5930, 17.4557, 1.2339



64.9020, 2.0203, 5.3479



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



81.7330, 8.5126, 23.0362



99.0750, 13.2740, 35.8912



79.3390, -0.6601, 25.1357



50.2500, 0.8628, 3.2887



45.5850, 23.3756, 62.6310



95.3710, 48.6241, 131.2246

Inverse Universe

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



81.7330, 8.5126, 23.0362



99.0750, 13.2740, 35.8912



93.6610, 0.6601, -25.1357



50.2500, 0.8628, 3.2887



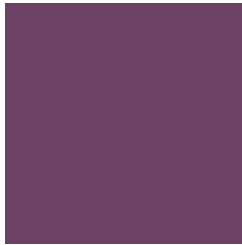
45.5850, 23.3756, 62.6310



95.3710, 48.6241, 131.2246

Previews

White Background



This preview shows how the YUV color 81.7330, 8.5126, 23.0362 looks on a white background.

Color Contrast Check

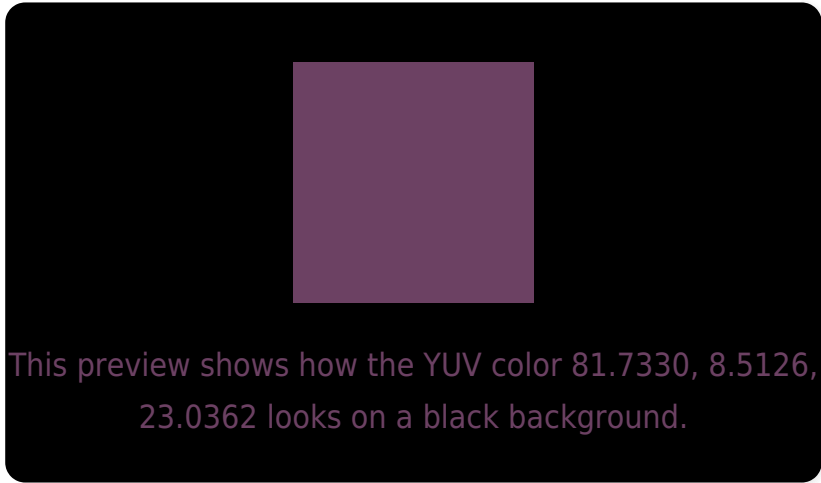
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

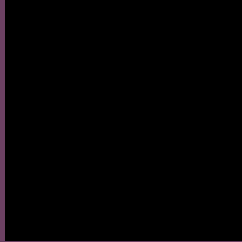
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7330, 8.5126, 23.0362

Background



This preview shows how black text looks on a background with the YUV color 81.7330, 8.5126, 23.0362.



This preview shows how white text looks on a background with the YUV color 81.7330, 8.5126,

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

81.7330, 8.5126, 23.0362

Protanopia

80.0280, 14.2832, -7.9176

Deuteranopia

80.4650, 8.1518, -1.2848



Tritanopia

81.0350, -2.9753, 21.0173

Trichromacy



Original Color

81.7330, 8.5126, 23.0362

Protanomaly

80.5240, 12.0667, 3.0485

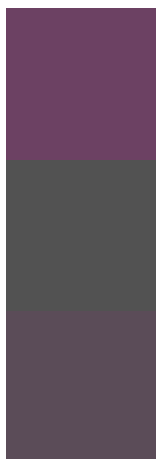
Deuteranomaly

80.9330, 8.4140, 7.9518

Tritanomaly

81.1860, 1.3873, 21.7619

Monochromacy



Original Color

81.7330, 8.5126, 23.0362

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8530, 3.0305, 8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7330, 8.5126, 23.0362 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(108, 65, 99)` looks like.

```
.text, #text, p{  
    color:rgb(108, 65, 99)  
}
```

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(108, 65, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 65, 99) }
```

Border

The CSS property to change the border of an element to YUV 81.7330, 8.5126, 23.0362 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(108, 65, 99) }
```


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

```
.border{ border-color:rgb(108, 65, 99) }
```

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

Here you see how a box with a 4 pixel rgb(108, 65, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 65, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 65, 99);  
box-shadow:4px 4px 4px 4px rgb(108, 65,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 81.7330, 8.5126, 23.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 65, 99) }
```

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

```
.background{ background-color: rgb(108, 65,  
99) }
```

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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