

Converting Colors

YUV(96.5850, 13.0226, 23.1660)

Have a look what the booklet for
YUV(96.5850, 13.0226, 23.1660)
contains.

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Color

**YUV(96.5850, 13.0226,
23.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4E7B
RGB	123, 78, 123
RGB Percent	48%, 31%, 48%
CMY	0.5176, 0.6941, 0.5176
CMYK	0.00, 0.37, 0.00, 0.52
HSL	300°, 22%, 39%
HSV	300°, 37%, 48%
XYZ	14.4679, 11.0898, 20.1169
YIQ	96.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

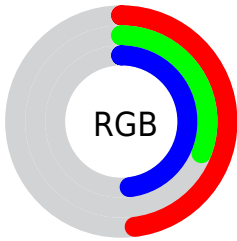
Format	Color
R_{YB}	123, 78, 123
Decimal	8081019
CIE _{Lab}	39.73, 26.75, -17.82
CIE _{LCh}	40, 32.141, 326.324
Yxy	11.0898, 0.3168, 0.2428
Android (android.graphics.Color)	4286271099 (0xFF7B4E7B)
YUV	96.5850, 13.0226, 23.1660
Hunter-Lab	33.3013, 19.2728, -12.5054

Details

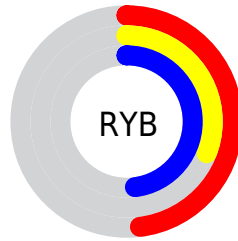
The YUV color **96.5850, 13.0226, 23.1660** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.4150, -13.0226, -23.1660**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8240, 13.8908, 24.7104**, and **49.0470, 12.3018, 21.0068** is the 20% darker color. If you saturate the color by 10%, you get **89.5410, 16.4953, 29.3435**, and if you desaturate by 10%, it is **103.6290, 9.5499, 16.9884**.

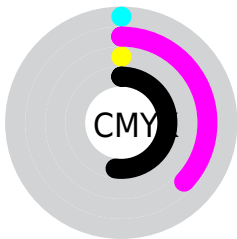
Distribution



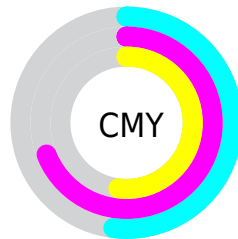
- Red (48%)
- Green (31%)
- Blue (48%)



- Red (48%)
- Yellow (31%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5850, 13.0226, 23.1660 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 96.5850, 13.0226, 23.1660 by changing the saturation by 10% instead.

96.5850, 13.0226,
23.1660

96.5850, 13.0226,
23.1660

255.0000, 0.0000,
0.0000

72.1720, 12.7332,
22.6512

147.8240, 13.8908,
24.7104

49.0470, 12.3018,
21.0068

174.5360, 14.0328,
25.8399

25.7480, 12.4492,
20.3920

202.2480, 14.1747,
26.9695

13.1020, 8.8237,
16.5735

227.9980, 13.3120,
23.6808

0.0000, 0.0000,
0.0000

245.0210, 4.9196,
8.7516

■ 96.5850, 13.0226,
23.1660

■ 96.5850, 13.0226,
23.1660

■ 89.5410, 16.4953,
29.3435

■ 103.6290, 9.5499,
16.9884

■ 81.9100, 20.2574,
36.0359

■ 111.2600, 5.7878,
10.2960

■ 74.8660, 23.7301,
42.2135

■ 118.3040, 2.3151,
4.1184

■ 67.8220, 27.2028,
48.3911

■ 125.3480, -1.1576,
-2.0592

■ 60.7780, 30.6754,
54.5687

■ 132.9790, -4.9196,
-8.7516

■ 53.1470, 34.4375,
61.2611


■ 140.0230, -8.3923,
-14.9292

■ 50.7990, 35.5951,
63.3203

■ 147.0670,
-11.8650, -21.1068

■ 154.1110,

-15.3377, -27.2843

 161.7420,
-19.0998, -33.9767

Harmonies

Analogous

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



94.6400, 22.8555, -4.0693



96.5850, 13.0226, 23.1660



95.2960, 1.3331, 39.2054

Triad

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



96.5850, 13.0226, 23.1660



91.4650, -25.3722, 18.0092



76.0330, 19.7037, -66.6809

Complementary

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



96.5850, 13.0226, 23.1660



104.4150, -13.0226, -23.1660

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.



72.9550, 7.9102, -63.9815



96.5850, 13.0226, 23.1660



88.9570, -21.6708, -2.5933

Square

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



96.5850, 13.0226, 23.1660



92.8290, -20.6217, 34.3530



84.3760, -10.5384, -26.6398



76.6660, 29.7447, -67.2361

Rectangle

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



96.5850, 13.0226, 23.1660



94.1410, -6.9715, 42.8493



84.3760, -10.5384, -26.6398



75.0070, 15.7725, -65.7811

Sweetspot

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



96.5850, 13.0226, 23.1660



150.4340, 5.2090, 9.2664



83.1300, 19.6559, -4.4990



75.5430, 3.1833, 5.6628



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.5850, 13.0226, 23.1660



119.3230, 20.5468, 36.5507



94.0770, 3.4130, 25.3655



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



96.5850, 13.0226, 23.1660



119.3230, 20.5468, 36.5507



107.0370, -2.9762, -25.4654



57.4780, 1.7363, 3.0888



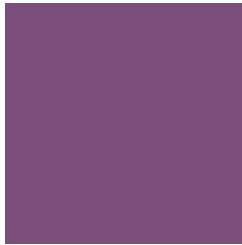
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 96.5850, 13.0226, 23.1660 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 96.5850, 13.0226, 23.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

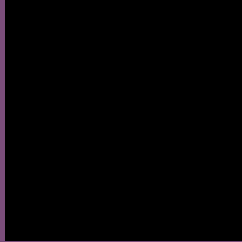
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5850, 13.0226, 23.1660

Background



This preview shows how black text looks on a background with the YUV color 96.5850, 13.0226, 23.1660.



This preview shows how white text looks on a background with the YUV color 96.5850, 13.0226,

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

96.5850, 13.0226, 23.1660

Protanopia

94.0860, 19.6776, -11.4764

Deuteranopia

94.2950, 12.6726, -4.6437



Tritanopia

95.8500, -2.3910, 20.3026

Trichromacy



Original Color

96.5850, 13.0226, 23.1660

Protanomaly

95.1800, 17.1663, 0.7191

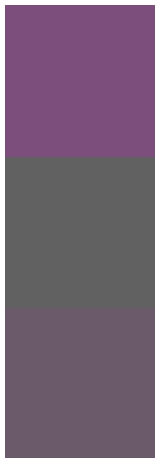
Deuteranomaly

95.0620, 12.7874, 5.2076

Tritanomaly

95.7560, 3.5713, 21.2620

Monochromacy



Original Color

96.5850, 13.0226, 23.1660

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5850, 13.0226, 23.1660 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(123, 78, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 78, 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(123, 78, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 78, 123) }
```

Border

The CSS property to change the border of an element to YUV 96.5850, 13.0226, 23.1660 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(123, 78, 123) }
```


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

```
.border{ border-color:rgb(123, 78, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 78, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 78, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 78, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 78,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 96.5850, 13.0226, 23.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 78, 123) }
```

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

```
.background{ background-color: rgb(123, 78,  
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](#).

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