

Converting Colors

YUV(101.6240, 23.8494, 3.8378)

Have a look what the booklet for
YUV(101.6240, 23.8494, 3.8378)
contains.

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Color

**YUV(101.6240, 23.8494,
3.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5A96
RGB	106, 90, 150
RGB Percent	42%, 35%, 59%
CMY	0.5843, 0.6471, 0.4118
CMYK	0.29, 0.40, 0.00, 0.41
HSL	256°, 25%, 47%
HSV	256°, 40%, 59%
XYZ	15.1050, 12.5785, 30.4859
YIQ	101.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

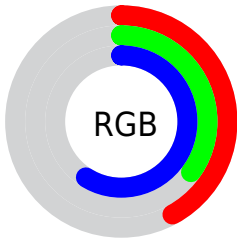
Format	Color
R_{YB}	106, 90, 150
Decimal	6970006
CIE _{Lab}	42.12, 20.31, -30.63
CIE _{LCh}	42, 36.752, 303.544
Yxy	12.5785, 0.2597, 0.2162
Android (android.graphics.Color)	4285160086 (0xFF6A5A96)
YUV	101.6240, 23.8494, 3.8378
Hunter-Lab	35.4662, 13.9573, -26.1380

Details

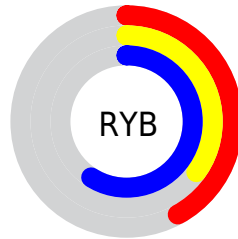
The YUV color **101.6240, 23.8494, 3.8378** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.3760, -23.8494, -3.8378**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9770, 25.1543, 5.2822**, and **53.8580, 22.2550, 1.8785** is the 20% darker color. If you saturate the color by 10%, you get **89.5300, 29.8117, 4.7972**, and if you desaturate by 10%, it is **113.7180, 17.8870, 2.8783**.

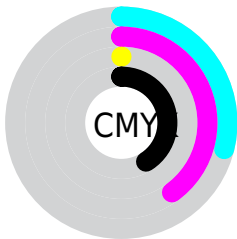
Distribution



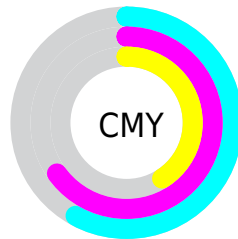
- Red (42%)
- Green (35%)
- Blue (59%)



- Red (42%)
- Yellow (35%)
- Blue (59%)



- Cyan (29%)
- Magenta (40%)
- Yellow (0%)
- Black (41%)



- Cyan (58%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6240, 23.8494, 3.8378 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 101.6240, 23.8494, 3.8378 by changing the saturation by 10% instead.

■ 101.6240, 23.8494,
3.8378

■ 101.6240, 23.8494,
3.8378

■ 255.0000, 0.0000,
0.0000

■ 77.0970, 23.1232,
3.4229

■ 152.9770, 25.1543,
5.2822

■ 53.8580, 22.2550,
1.8785

■ 180.2050, 26.0279,
5.0822

■ 31.6190, 21.3868,
0.3341

■ 206.9340, 23.6965,
6.1969

■ 9.5160, 20.9446,
2.1785

■ 232.0410, 11.3188,
9.6110

■ 4.5940, 12.5252,
-4.0289

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

101.6240, 23.8494,
3.8378

101.6240, 23.8494,
3.8378

89.5300, 29.8117,
4.7972

113.7180, 17.8870,
2.8783

77.4360, 35.7741,
5.7566

125.8120, 11.9247,
1.9189

65.3420, 41.7364,
6.7161

137.9060, 5.9623,
0.9594

53.2480, 47.6987,
7.6755

150.0000, 0.0000,
0.0000

41.1540, 53.6611,
8.6349

162.0940, -5.9623,
-0.9594


29.0600, 59.6234,
9.5944

174.1880,
-11.9247, -1.9189

186.2820,
-17.8870, -2.8783

198.3760,

-23.8494, -3.8378

 210.4700,
-29.8117, -4.7972

Harmonies

Analogous

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



92.1780, 33.4362, -37.8671



101.6240, 23.8494, 3.8378



101.8250, 12.4113, 32.6025

Triad

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



101.6240, 23.8494, 3.8378



98.0480, -26.1527, 35.0379



79.1330, 11.2734, -69.3996

Complementary

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



101.6240, 23.8494, 3.8378



138.3760, -23.8494, -3.8378

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.



85.4990, -7.1480, -40.7796



101.6240, 23.8494, 3.8378



96.0040, -29.5820, 14.9055

Square

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



101.6240, 23.8494, 3.8378



98.6980, -15.1341, 47.6229



92.6850, -22.5227, -9.3707



81.9660, 24.6668, -71.8842

Rectangle

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



101.6240, 23.8494, 3.8378



101.0840, 2.9166, 44.6533



92.6850, -22.5227, -9.3707



77.4060, 7.1948, -67.8851

Sweetspot

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



101.6240, 23.8494, 3.8378



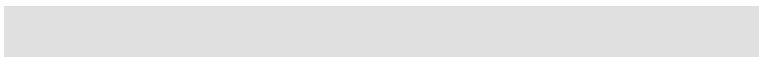
175.4160, 9.1619, 1.3892



122.6680, 13.4747, -28.6498



85.7920, 5.5255, 1.0594



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



101.6240, 23.8494, 3.8378



119.0770, 36.9370, 6.0715



110.5940, 19.4272, 22.2811



68.3960, 2.7628, 0.5297



26.7950, 54.8241, 8.9498



2.0370, 3.9258, 0.8446

Inverse Universe

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



112.9560, 10.3747, 32.4876



136.5590, 15.9934, 50.3758



129.4060, -19.4272, -22.2811



69.6630, 1.1521, 3.8035



52.7760, 23.7744, 74.7414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 101.6240, 23.8494, 3.8378 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 101.6240, 23.8494, 3.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

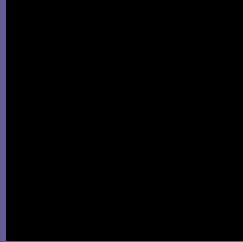
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6240, 23.8494, 3.8378

Background



This preview shows how black text looks on a background with the YUV color 101.6240, 23.8494, 3.8378.

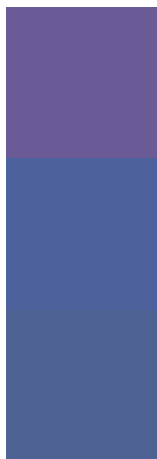


This preview shows how white text looks on a background with the YUV color 101.6240, 23.8494,

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

101.6240, 23.8494, 3.8378

Protanopia

98.4470, 28.8666, -18.8090

Deuteranopia

98.3070, 24.4986, -17.8092



Tritanopia

99.6130, 3.6418, -1.4146

Trichromacy



Original Color

101.6240, 23.8494, 3.8378

Protanomaly

99.6330, 26.8029, -10.2021

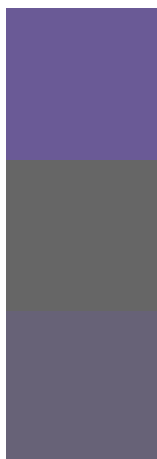
Deuteranomaly

99.6500, 24.3296, -10.2170

Tritanomaly

100.5730, 11.0565, 0.3745

Monochromacy



Original Color

101.6240, 23.8494, 3.8378

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6240, 23.8494, 3.8378 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(106, 90, 150)` looks like.

```
.text, #text, p{  
    color:rgb(106, 90, 150)  
}
```

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(106, 90, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 90, 150) }
```

Border

The CSS property to change the border of an element to YUV 101.6240, 23.8494, 3.8378 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(106, 90, 150) }
```


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

```
.border{ border-color:rgb(106, 90, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 90, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 90, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 90, 150);  
box-shadow:4px 4px 4px 4px rgb(106, 90,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 101.6240, 23.8494, 3.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 90, 150) }
```

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

```
.background{ background-color: rgb(106, 90,  
150) }
```

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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