

Converting Colors

YUV(114.9670, 23.6803,
11.4299)

Have a look what the booklet for
YUV(114.9670, 23.6803, 11.4299)
contains.

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Color

**YUV(114.9670, 23.6803,
11.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	8063A3
RGB	128, 99, 163
RGB Percent	50%, 39%, 64%
CMY	0.4980, 0.6118, 0.3608
CMYK	0.21, 0.39, 0.00, 0.36
HSL	267°, 26%, 51%
HSV	267°, 39%, 64%
XYZ	19.9748, 16.1572, 36.7162
YIQ	114.9670, -3.2600, 26.0520

Conversions

Conversions Part 2

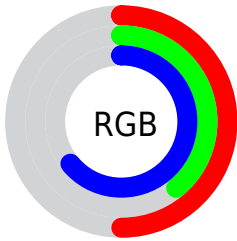
Format	Color
R _Y B	128, 99, 163
Decimal	8414115
CIE Lab	47.18, 24.94, -30.28
CIE LCh	47, 39.227, 309.482
Yxy	16.1572, 0.2742, 0.2218
Android (android.graphics.Color)	4286604195 (0xFF8063A3)
YUV	114.9670, 23.6803, 11.4299
Hunter-Lab	40.1960, 18.3597, -26.0199

Details

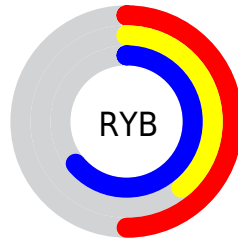
The YUV color **114.9670, 23.6803, 11.4299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.0330, -23.6803, -11.4299**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3200, 24.9852, 12.8744**, and **66.2010, 22.0859, 9.4707** is the 20% darker color. If you saturate the color by 10%, you get **102.8840, 29.6372, 14.1337**, and if you desaturate by 10%, it is **127.0500, 17.7234, 8.7262**.

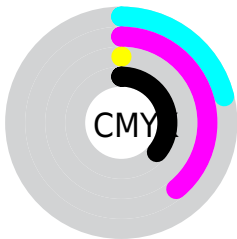
Distribution



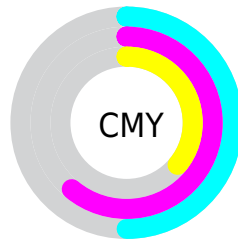
- Red (50%)
- Green (39%)
- Blue (64%)



- Red (50%)
- Yellow (39%)
- Blue (64%)



- Cyan (21%)
- Magenta (39%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9670, 23.6803, 11.4299 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 114.9670, 23.6803, 11.4299 by changing the saturation by 10% instead.

■ 114.9670, 23.6803,
11.4299

■ 114.9670, 23.6803,
11.4299

255.0000, 0.0000,
0.0000

■ 90.1410, 23.1015,
10.4003

■ 167.3200, 24.9852,
12.8744

■ 66.2010, 22.0859,
9.4707

■ 194.8470, 25.7114,
13.2892

■ 43.2610, 21.0703,
8.5411

■ 220.8660, 16.8281,
15.9035

■ 20.5490, 20.9283,
7.4115

■ 242.0860, 6.3666,
11.3256

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 114.9670, 23.6803,
11.4299

■ 114.9670, 23.6803,
11.4299

■ 102.8840, 29.6372,
14.1337

■ 127.0500, 17.7234,
8.7262

■ 90.2140, 35.8835,
17.3523

■ 139.7200, 11.4770,
5.5076

■ 78.1310, 41.8404,
20.0561

■ 151.8030, 5.5201,
2.8038

■ 66.0480, 47.7973,
22.7599

■ 163.8860, -0.4368,
0.1000

■ 53.9650, 53.7543,
25.4637

■ 175.9690, -6.3937,
-2.6038

■ 41.5940, 59.8532,
29.2971

■ 188.3400,
-12.4926, -6.4372

■ 40.7080, 60.2900,
29.1971

■ 200.4230,
-18.4495, -9.1410

■ 212.5060,
-24.4065, -11.8448

■ 225.1760,
-30.6528, -15.0634

Harmonies

Analogous

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



107.7490, 34.1407, -30.4749



114.9670, 23.6803, 11.4299



114.4130, 10.6424, 39.9798

Triad

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



114.9670, 23.6803, 11.4299



110.3100, -30.2258, 34.8081



89.6310, 15.9579, -78.6064

Complementary

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



114.9670, 23.6803, 11.4299



147.0330, -23.6803, -11.4299

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.



94.4480, -3.1789, -53.8899



114.9670, 23.6803, 11.4299



107.5260, -31.3183, 11.8167

Square

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



114.9670, 23.6803, 11.4299



111.5690, -19.5075, 50.3670



103.7550, -22.0642, -16.4481



91.9910, 30.0774, -80.6761

Rectangle

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



114.9670, 23.6803, 11.4299



113.4330, 0.2795, 50.4863



103.7550, -22.0642, -16.4481



87.6760, 11.0057, -76.8919

Sweetspot

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



114.9670, 23.6803, 11.4299



192.5520, 9.5879, 4.7779



126.8410, 17.8264, -24.4166



95.8030, 5.5201, 2.8038



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.9670, 23.6803, 11.4299



136.8550, 37.0465, 17.6672



124.5350, 18.9632, 31.1028



75.2220, 3.3416, 1.5593



36.2640, 53.6068, 26.0785



4.4440, 6.6831, 3.1186

Inverse Universe

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



122.1260, 5.8539, 35.8465



148.1700, 9.2832, 55.9789



137.4650, -18.9632, -31.1028



76.2610, 0.8573, 5.0331



52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 114.9670, 23.6803, 11.4299 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 114.9670, 23.6803, 11.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

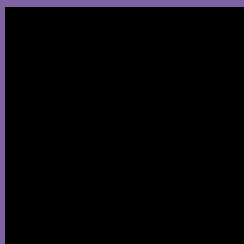
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.9670, 23.6803, 11.4299

Background



This preview shows how black text looks on a background with the YUV color 114.9670, 23.6803, 11.4299.

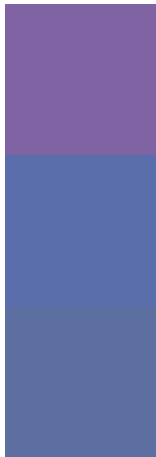


This preview shows how white text looks on a background with the YUV color 114.9670, 23.6803,

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

114.9670, 23.6803, 11.4299

Protanopia

111.0880, 30.0296, -18.4942

Deuteranopia

111.3180, 24.4932, -16.0649



Tritanopia

113.2010, 1.8729, 5.9627

Trichromacy



Original Color

114.9670, 23.6803, 11.4299

Protanomaly

112.5840, 27.8131, -7.5282

Deuteranomaly

112.9710, 24.1713, -6.1136

Tritanomaly

113.6880, 10.0138, 8.1666

Monochromacy



Original Color

114.9670, 23.6803, 11.4299

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9670, 23.6803, 11.4299 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(128, 99, 163)` looks like.

```
.text, #text, p{  
    color:rgb(128, 99, 163)  
}
```

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(128, 99, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 163) }
```

Border

The CSS property to change the border of an element to YUV 114.9670, 23.6803, 11.4299 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(128, 99, 163) }
```


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

```
.border{ border-color:rgb(128, 99, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 99, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 99, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 99, 163);  
box-shadow:4px 4px 4px 4px rgb(128, 99,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 114.9670, 23.6803, 11.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 163) }
```

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

```
.background{ background-color: rgb(128, 99,  
163) }
```

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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