

Converting Colors

YUV(101.1500, 23.0971,
58.6275)

Have a look what the booklet for
YUV(101.1500, 23.0971, 58.6275)
contains.

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Color

**YUV(101.1500, 23.0971,
58.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	A83A94
RGB	168, 58, 148
RGB Percent	66%, 23%, 58%
CMY	0.3412, 0.7725, 0.4196
CMYK	0.00, 0.65, 0.12, 0.34
HSL	311°, 49%, 44%
HSV	311°, 65%, 66%
XYZ	23.0068, 13.4891, 29.4080
YIQ	101.1500, 36.6700, 51.3100

Conversions

Conversions Part 2

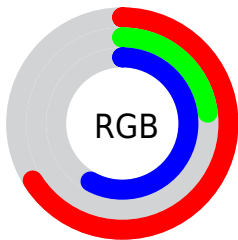
Format	Color
R_{YB}	168, 58, 148
Decimal	11025044
CIE _{Lab}	43.49, 55.18, -26.71
CIE _{LCh}	43, 61.306, 334.172
Yxy	13.4891, 0.3491, 0.2047
Android (android.graphics.Color)	4289215124 (0xFFA83A94)
YUV	101.1500, 23.0971, 58.6275
Hunter-Lab	36.7275, 47.5429, -21.7649

Details

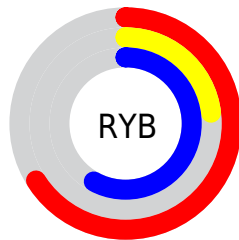
The YUV color **101.1500, 23.0971, 58.6275** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **124.8500, -23.0970, -58.6274**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9330, 22.2180, 60.5718**, and **44.8450, 25.7124, 59.7719** is the 20% darker color. If you saturate the color by 10%, you get **90.8290, 26.7063, 67.6790**, and if you desaturate by 10%, it is **111.4710, 19.4878, 49.5759**.

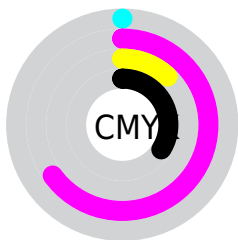
Distribution



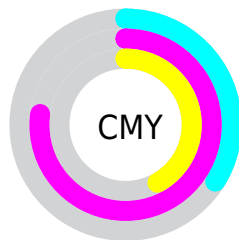
- Red (66%)
- Green (23%)
- Blue (58%)



- Red (66%)
- Yellow (23%)
- Blue (58%)



- Cyan (0%)
- Magenta (65%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1500, 23.0971, 58.6275 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 101.1500, 23.0971, 58.6275 by changing the saturation by 10% instead.

101.1500, 23.0971,
58.6275

101.1500, 23.0971,
58.6275

255.0000, 0.0000,
0.0000

71.6170, 24.8388,
59.9719

156.9330, 22.2180,
60.5718

44.8450, 25.7124,
59.7719

184.7590, 22.7968,
61.6014

34.0360, 19.2093,
45.5724

203.9310, 25.1770,
44.7875

23.6400, 12.9955,
31.8877

220.3670, 17.0741,
30.3731

13.3580, 7.2185,
18.1030

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

101.1500, 23.0971,
58.6275

101.1500, 23.0971,
58.6275

90.8290, 26.7063,
67.6790

111.4710, 19.4878,
49.5759

80.5080, 30.3156,
76.7305

121.7920, 15.8785,
40.5244

70.7740, 33.6354,
85.2672

131.5260, 12.5587,
31.9877

65.8500, 35.0770,
89.5856

141.8470, 8.9494,
22.9362

152.1680, 5.3402,
13.8847

162.4890, 1.7309,
4.8331

172.8100, -1.8783,
-4.2184

182.5440, -5.1982,

-12.7551

■ 192.8650, -8.8074,
-21.8066

Harmonies

Analogous

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



104.8040, 41.0156, 4.5569



101.1500, 23.0971, 58.6275



92.0490, 2.9338, 85.9030

Triad

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



101.1500, 23.0971, 58.6275



95.7430, -47.2013, 19.5194



91.5010, 33.2770, -80.2464

Complementary

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



101.1500, 23.0971, 58.6275



124.8500, -23.0970, -58.6274

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.



85.8010, 11.4371, -75.2475



101.1500, 23.0971, 58.6275



87.5270, -43.1508, -19.7562

Square

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



101.1500, 23.0971, 58.6275



96.2620, -47.4572, 55.0212



77.8840, -11.2818, -68.3043



91.9690, 50.3013, -80.6568

Rectangle

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



101.1500, 23.0971, 58.6275



92.9830, -13.7956, 85.0839



77.8840, -11.2818, -68.3043



89.6770, 26.2882, -78.6467

Sweetspot

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



101.1500, 23.0971, 58.6275



192.2600, 9.2388, 23.4510



75.9220, 45.3945, 0.0684



93.5810, 5.6296, 14.3995



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



101.1500, 23.0971, 58.6275



113.9150, 36.5239, 92.1595



95.1080, -0.0532, 63.9263



79.1900, 1.8783, 4.2184



58.0460, 31.0363, 78.8897



7.9180, 4.4774, 10.5959

Inverse Universe

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



101.1500, 23.0971, 58.6275



113.9150, 36.5239, 92.1595



130.8920, 0.0532, -63.9263



79.1900, 1.8783, 4.2184



58.0460, 31.0363, 78.8897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 101.1500, 23.0971, 58.6275 looks on a white background.

Color Contrast Check

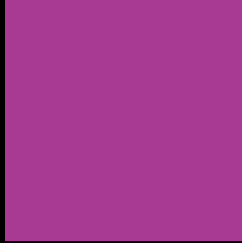
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1500, 23.0971, 58.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

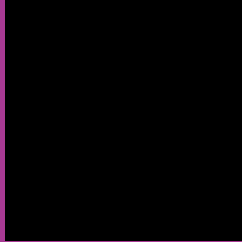
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.1500, 23.0971, 58.6275

Background



This preview shows how black text looks on a background with the YUV color 101.1500, 23.0971, 58.6275.



This preview shows how white text looks on a background with the YUV color 101.1500, 23.0971,

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

101.1500, 23.0971, 58.6275

Protanopia

99.3990, 41.7083, -31.0449

Deuteranopia

103.4560, 18.5092, -10.0469



Tritanopia

102.6860, -10.1982, 51.1414

Trichromacy



Original Color

101.1500, 23.0971, 58.6275

Protanomaly

99.8870, 35.0587, 1.8531

Deuteranomaly

102.7780, 20.3224, 15.1037

Tritanomaly

102.2100, 1.8685, 54.1898

Monochromacy



Original Color

101.1500, 23.0971, 58.6275

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7220, 8.5181, 21.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1500, 23.0971, 58.6275 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(168, 58, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 58, 148)  
}
```

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(168, 58, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 58, 148) }
```

Border

The CSS property to change the border of an element to YUV 101.1500, 23.0971, 58.6275 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(168, 58, 148) }
```


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

```
.border{ border-color:rgb(168, 58, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 58, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 58, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 58, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 58,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 101.1500, 23.0971, 58.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 58, 148) }
```

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

```
.background{ background-color: rgb(168, 58,  
148) }
```

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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