

Converting Colors

XYZ(23.7572, 15.2687, 15.2203)

Have a look what the booklet for
XYZ(23.7572, 15.2687, 15.2203)
contains.

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Color

**XYZ(23.9108, 15.3708,
15.3423)**

Conversions

Conversions Part 1	
Format	Color
Hex	B5476A
RGB	181, 71, 106
RGB Percent	71%, 28%, 42%
CMY	0.2902, 0.7215, 0.5843
CMYK	0.00, 0.61, 0.41, 0.29
HSL	341°, 44%, 49%
HSV	341°, 61%, 71%
XYZ	23.9108, 15.3708, 15.3423
YIQ	107.8800, 54.3250, 34.2050

Conversions

Conversions Part 2

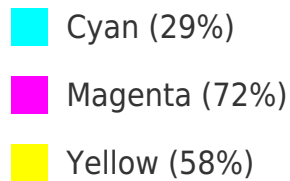
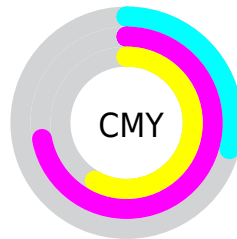
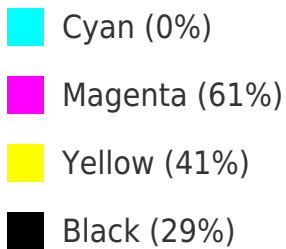
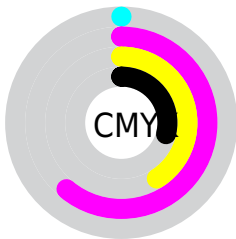
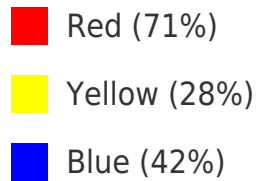
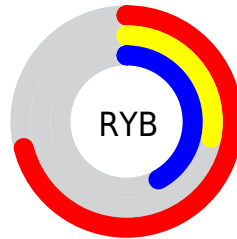
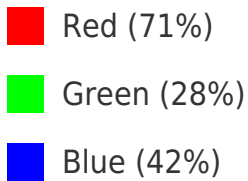
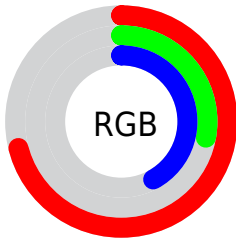
Format	Color
RYB	181, 71, 106
Decimal	11880298
CIELab	46.14, 47.80, 3.06
CIELCh	46, 47.899, 3.664
Yxy	15.3708, 0.4377, 0.2814
Android (android.graphics.Color)	4290070378 (0xFFB5476A)
YUV	107.8800, -0.9268, 64.1262
Hunter-Lab	39.2056, 40.2541, 4.2420

Details

The XYZ color **23.9108, 15.3708, 15.3423** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.3116, 36.4630, 32.9531**, and the grayscale version is **14.2127, 14.9528, 16.2836**.

A 20% lighter version of the original color is **49.2286, 35.3749, 36.1317**, and **9.1993, 4.7962, 4.5786** is the 20% darker color. If you saturate the color by 10%, you get **22.3300, 13.1634, 11.8735**, and if you desaturate by 10%, it is **25.9276, 18.3023, 19.4125**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9108, 15.3708, 15.3423 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 XYZ color 23.9108, 15.3708, 15.3423 by changing the saturation by 10% instead.


 23.9108, 15.3708,
15.3423


 23.9108, 15.3708,
15.3423


264.8181,
225.5997, 237.1405


 15.3918, 9.0800,
8.9107


 49.3403, 35.5024,
36.2033


 9.1830, 4.7934,
4.5870


 66.9816, 50.1120,
51.4698

 4.9188, 2.1266,
1.9526


 88.3944, 68.2633,
70.5184

 2.2339, 0.6795,
0.5259

 113.9440, 90.3407,
93.7675

 0.7605, 0.0000,
0.0000

 143.9958,
116.7287, 121.6357

 0.0000, 0.0000,
0.0000

178.9152,

147.8116, 154.5416

219.0675,
183.9738, 192.9037

■ 23.9108, 15.3708,
15.3423

■ 23.9108, 15.3708,
15.3423

■ 22.3300, 13.1634,
11.8735

■ 25.9276, 18.3023,
19.4125

■ 21.1485, 11.6133,
8.9741

■ 28.4106, 22.0123,
24.1118


■ 20.3254, 10.6450,
6.6097


■ 31.3883, 26.5525,
29.4673


■ 19.8092, 10.1250,
4.8581


■ 34.8868, 31.9697,
35.5040

■ 38.9302, 38.3070,
42.2455

 43.5411, 45.6047,
49.7142

 48.7408, 53.9008,
57.9316

 54.5494, 63.2310,
66.9182

 60.9861, 73.6295,
76.6937

Harmonies

Analogous

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



22.8202, 15.3708, 28.8009



23.9108, 15.3708, 15.3423



22.1525, 15.3708, 7.1219

Triad

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



23.9108, 15.3708, 15.3423



10.6811, 15.3708, 4.1427



11.4007, 15.3708, 45.9922

Complementary

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



23.9108, 15.3708, 15.3423



24.3116, 36.4630, 32.9531

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.



9.0086, 15.3708, 32.5183



23.9108, 15.3708, 15.3423



8.6506, 15.3708, 8.6221

Square

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



23.9108, 15.3708, 15.3423



14.1143, 15.3708, 2.8429



8.1003, 15.3708, 18.2120



15.1161, 15.3708, 50.6205

Rectangle

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



23.9108, 15.3708, 15.3423



19.7633, 15.3708, 4.3840



8.1003, 15.3708, 18.2120



10.4399, 15.3708, 42.1141

Sweetspot

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



23.9112, 15.3716, 15.3426



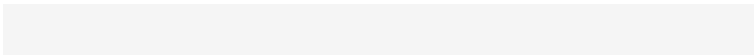
64.1776, 59.9039, 66.4496



22.1544, 13.8030, 45.2126



13.4459, 12.2840, 13.6440



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.9112, 15.3716, 15.3426



39.1853, 22.4911, 19.3618



23.7942, 17.4800, 8.0821



8.6041, 8.5483, 9.4135



13.6844, 6.9913, 3.4983



0.4578, 0.2309, 0.2534

Inverse Universe

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



23.9112, 15.3716, 15.3426



39.1853, 22.4911, 19.3618



23.9777, 30.7525, 48.3881



8.6041, 8.5483, 9.4135



13.6844, 6.9913, 3.4983



0.4578, 0.2309, 0.2534

Previews

White Background



This preview shows how the XYZ color 23.9108, 15.3708, 15.3423 looks on a white background.

Color Contrast Check

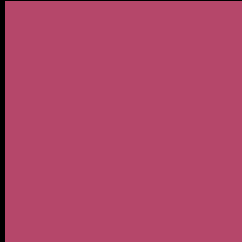
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.9108, 15.3708, 15.3423 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](#).

XYZ 23.9108, 15.3708, 15.3423

Background



This preview shows how black text looks on a background with the XYZ color 23.9108, 15.3708, 15.3423.



This preview shows how white text looks on a background with the XYZ color 23.9108, 15.3708,

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

23.9108, 15.3708, 15.3423

Protanopia

15.3088, 15.5600, 22.6186

Deuteranopia

15.8152, 15.5327, 14.4765



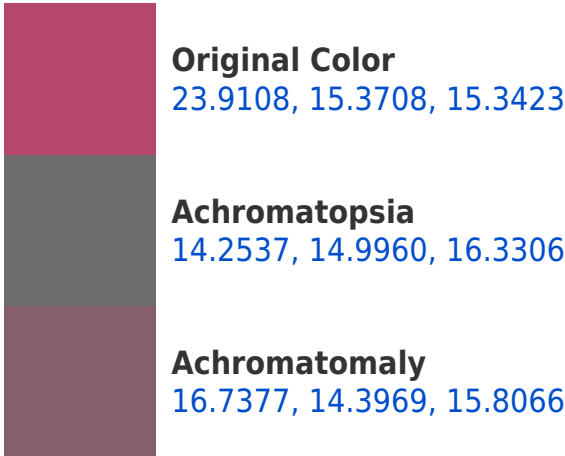
Tritanopia

22.6600, 15.3467, 9.5525

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9108, 15.3708, 15.3423 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(181, 71, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 71, 106)  
}
```

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(181, 71, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 71, 106) }
```

Border

The CSS property to change the border of an element to XYZ 23.9108, 15.3708, 15.3423 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(181, 71, 106) }
```


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

```
.border{ border-color:rgb(181, 71, 106) }
```

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

Here you see how a box with a 4 pixel rgb(181, 71, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 71, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 71, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 71,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9108, 15.3708, 15.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 71, 106) }
```

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

```
.background{ background-color: rgb(181, 71,  
106) }
```

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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