

Converting Colors

XYZ(23.7433, 14.9457, 13.2805)

Have a look what the booklet for
XYZ(23.7433, 14.9457, 13.2805)
contains.

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Color

**XYZ(23.7402, 14.9634,
13.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	B74362
RGB	183, 67, 98
RGB Percent	72%, 26%, 38%
CMY	0.2824, 0.7372, 0.6157
CMYK	0.00, 0.63, 0.46, 0.28
HSL	344°, 46%, 49%
HSV	344°, 63%, 72%
XYZ	23.7402, 14.9634, 13.1923
YIQ	105.2180, 59.1850, 34.2330

Conversions

Conversions Part 2

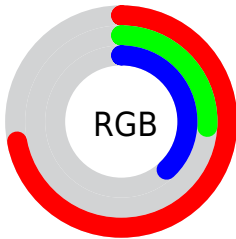
Format	Color
R_{YB}	183, 67, 98
Decimal	12010338
CIE Lab	45.58, 49.44, 7.21
CIE LCh	46, 49.960, 8.302
Yxy	14.9634, 0.4575, 0.2883
Android (android.graphics.Color)	4290200418 (0xFFB74362)
YUV	105.2180, -3.5585, 68.2148
Hunter-Lab	38.6826, 41.8543, 6.8575

Details

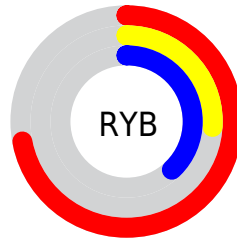
The XYZ color **23.7402, 14.9634, 13.1923** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.9166, 37.3276, 35.6000**, and the grayscale version is **13.4851, 14.1873, 15.4500**.

A 20% lighter version of the original color is **49.1448, 34.8675, 32.1569**, and **9.0773, 4.6079, 3.6598** is the 20% darker color. If you saturate the color by 10%, you get **22.2380, 12.8888, 9.8250**, and if you desaturate by 10%, it is **25.6930, 17.7694, 17.2335**.

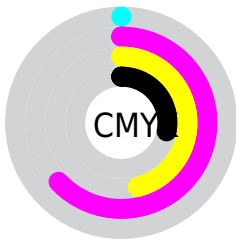
Distribution



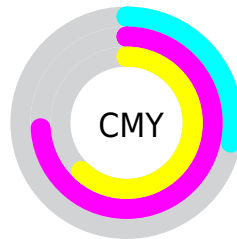
- Red (72%)
- Green (26%)
- Blue (38%)



- Red (72%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7402, 14.9634, 13.1923 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 23.7402, 14.9634, 13.1923 by changing the saturation by 10% instead.

■ 23.7402, 14.9634,
13.1923

■ 23.7402, 14.9634,
13.1923

263.9693,
223.1446, 223.3974

■ 15.2647, 8.7937,
7.4288

■ 49.0637, 34.7890,
32.3451

■ 9.0929, 4.6069,
3.6492

■ 66.6424, 49.2136,
46.5714

■ 4.8594, 2.0185,
1.4349

■ 87.9862, 67.1587,
64.4558

■ 2.1989, 0.6182,
0.1687

■ 113.4604, 89.0086,
86.4168

■ 0.7422, 0.0000,
0.0000

■ 143.4305,
115.1478, 112.8729

■ 0.0000, 0.0000,
0.0000

178.2618,

145.9606, 144.2427

218.3196,
181.8314, 180.9447

■ 23.7402, 14.9634,
13.1923

■ 23.7402, 14.9634,
13.1923

■ 22.2380, 12.8888,
9.8250

■ 25.6930, 17.7694,
17.2335

■ 21.1462, 11.4738,
7.0918

■ 28.1294, 21.3650,
21.9834

■ 20.4191, 10.6360,
4.9492

■ 31.0807, 25.8051,
27.4753

■ 20.0806, 10.2882,
3.8220

■ 34.5748, 31.1391,
33.7401

■ 38.6381, 37.4126,
40.8067

■ 43.2947, 44.6681,
48.7027

■ 48.5676, 52.9453,
57.4543

■ 54.4785, 62.2819,
67.0863

■ 61.0481, 72.7136,
77.6228

Harmonies

Analogous

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



23.0645, 14.9634, 26.3602



23.7402, 14.9634, 13.1923



21.5007, 14.9634, 5.7911

Triad

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



23.7402, 14.9634, 13.1923



9.8030, 14.9634, 4.0885



11.4551, 14.9634, 48.3650

Complementary

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



23.7402, 14.9634, 13.1923



24.9166, 37.3276, 35.6000

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.



8.8054, 14.9634, 35.1084



23.7402, 14.9634, 13.1923



7.9896, 14.9634, 9.1832

Square

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



23.7402, 14.9634, 13.1923



13.0940, 14.9634, 2.4866



7.6641, 14.9634, 19.8441



15.4136, 14.9634, 51.2900

Rectangle

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



23.7402, 14.9634, 13.1923



18.8728, 14.9634, 3.5132



7.6641, 14.9634, 19.8441



10.4063, 14.9634, 44.7393

Sweetspot

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



23.7406, 14.9642, 13.1926



64.7597, 60.1358, 65.4036



23.1573, 13.9308, 46.2681



13.8601, 12.5994, 13.6694



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.7406, 14.9642, 13.1926



38.9878, 21.9698, 15.5707



24.3809, 18.1509, 7.5297



9.1005, 9.0506, 9.8768



14.0335, 7.1872, 2.7974



0.5213, 0.2640, 0.2387

Inverse Universe

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



23.7406, 14.9642, 13.1926



38.9878, 21.9698, 15.5707



23.0668, 29.0211, 49.1856



9.1005, 9.0506, 9.8768



14.0335, 7.1872, 2.7974



0.5213, 0.2640, 0.2387

Previews

White Background



This preview shows how the XYZ color 23.7402, 14.9634, 13.1923 looks on a white background.

Color Contrast Check

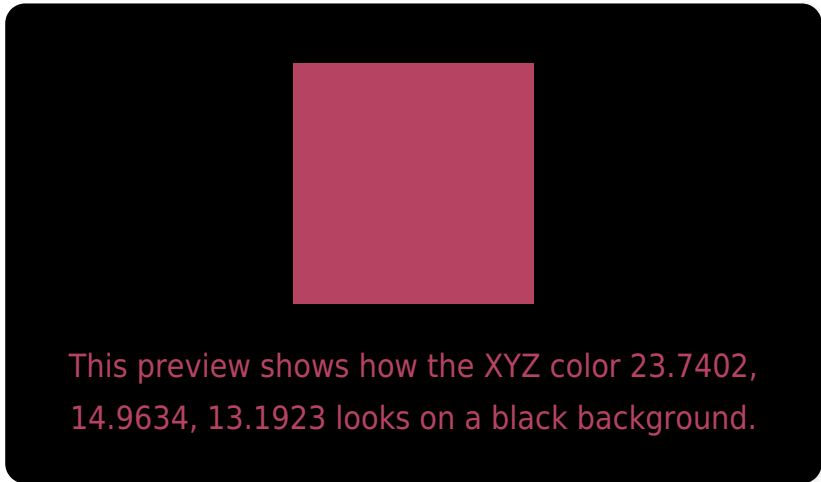
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

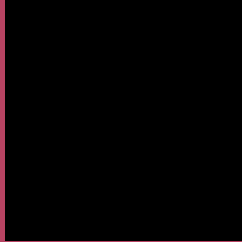
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.7402, 14.9634, 13.1923

Background



This preview shows how black text looks on a background with the XYZ color 23.7402, 14.9634, 13.1923.



This preview shows how white text looks on a background with the XYZ color 23.7402, 14.9634,

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

23.7402, 14.9634, 13.1923

Protanopia

14.8772, 15.2314, 20.2450

Deuteranopia

15.4408, 15.2358, 12.2522



Tritanopia

22.8491, 14.9734, 8.5233

Trichromacy



Original Color

23.7402, 14.9634, 13.1923

Protanomaly

16.8867, 14.1719, 17.4682

Deuteranomaly

17.6155, 14.4013, 12.4410

Tritanomaly

23.0818, 14.9655, 10.0596

Monochromacy



Original Color

23.7402, 14.9634, 13.1923

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.8122, 13.4280, 14.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7402, 14.9634, 13.1923 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(183, 67, 98)` looks like.

```
.text, #text, p{  
    color:rgb(183, 67, 98)  
}
```

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(183, 67, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 67, 98) }
```

Border

The CSS property to change the border of an element to XYZ 23.7402, 14.9634, 13.1923 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(183, 67, 98) }
```


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

```
.border{ border-color:rgb(183, 67, 98) }
```

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

Here you see how a box with a 4 pixel rgb(183, 67, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 67, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 67, 98);  
box-shadow:4px 4px 4px 4px rgb(183, 67,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7402, 14.9634, 13.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 67, 98) }
```

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

```
.background{ background-color: rgb(183, 67,  
98) }
```

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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