

Converting Colors

XYZ(23.6048, 15.7949, 14.8713)

Have a look what the booklet for
XYZ(23.6048, 15.7949, 14.8713)
contains.

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Color

**XYZ(23.7430, 15.8909,
14.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	B34D68
RGB	179, 77, 104
RGB Percent	70%, 30%, 41%
CMY	0.2980, 0.6980, 0.5922
CMYK	0.00, 0.57, 0.42, 0.30
HSL	344°, 40%, 50%
HSV	344°, 57%, 70%
XYZ	23.7430, 15.8909, 14.9126
YIQ	110.5760, 52.1250, 30.0210

Conversions

Conversions Part 2

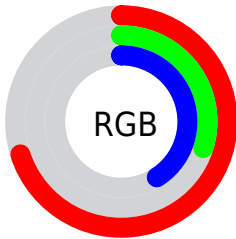
Format	Color
RYB	179, 77, 104
Decimal	11750760
CIELab	46.83, 44.07, 5.24
CIElCh	47, 44.384, 6.776
Yxy	15.8909, 0.4353, 0.2913
Android (android.graphics.Color)	4289940840 (0xFFB34D68)
YUV	110.5760, -3.2420, 60.0078
Hunter-Lab	39.8634, 36.5553, 5.7244

Details

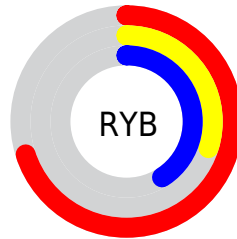
The XYZ color **23.7430, 15.8909, 14.9126** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.8490, 36.0854, 35.3634**, and the grayscale version is **14.9858, 15.7662, 17.1694**.

A 20% lighter version of the original color is **49.1589, 36.5090, 35.4663**, and **9.0515, 5.0068, 4.3602** is the 20% darker color. If you saturate the color by 10%, you get **22.0412, 13.4750, 11.3003**, and if you desaturate by 10%, it is **25.8946, 19.0393, 19.1901**.

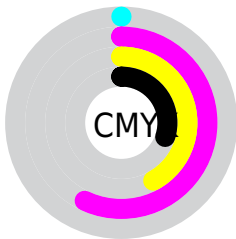
Distribution



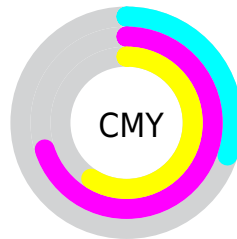
- Red (70%)
- Green (30%)
- Blue (41%)



- Red (70%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (57%)
- Yellow (42%)
- Black (30%)





- Cyan (30%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7430, 15.8909, 14.9126 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 23.7430, 15.8909, 14.9126 by changing the saturation by 10% instead.


 23.7430, 15.8909,
14.9126


 23.7430, 15.8909,
14.9126


263.9832,
228.6971, 234.4591


 15.2668, 9.4470,
8.6121


 49.0682, 36.4087,
35.4399


 9.0944, 5.0339,
4.3957


 66.6479, 51.2514,
50.5038


 4.8604, 2.2671,
1.8449

 87.9929, 69.6624,
69.3260

 2.1995, 0.7562,
0.4573

 113.4684, 92.0262,
92.3249

 0.7425, 0.0000,
0.0000

 143.4398,
118.7272, 119.9191

 0.0000, 0.0000,
0.0000

178.2725,

150.1498, 152.5272

218.3319,
186.6782, 190.5677

■ 23.7430, 15.8909,
14.9126

■ 23.7430, 15.8909,
14.9126

■ 22.0412, 13.4750,
11.3003

■ 25.8946, 19.0393,
19.1901

■ 20.7541, 11.7293,
8.3171

■ 28.5250, 22.9711,
24.1642

■ 19.8430, 10.5848,
5.9247

■ 31.6622, 27.7353,
29.8654

■ 19.2544, 9.9432,
4.0771

■ 35.3315, 33.3764,
36.3220

■ 19.1112, 9.7920,
3.6121

■ 39.5567, 39.9355,
43.5608

■ 44.3599, 47.4513,
51.6070

■ 49.7622, 55.9601,
60.4851

■ 55.7834, 65.4964,
70.2183

■ 62.4426, 76.0930,
80.8287

Harmonies

Analogous

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



23.0073, 15.8909, 27.1166



23.7430, 15.8909, 14.9126



21.8668, 15.8909, 7.4379

Triad

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



23.7430, 15.8909, 14.9126



11.0800, 15.8909, 5.2466



12.3607, 15.8909, 45.1285

Complementary

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



23.7430, 15.8909, 14.9126



24.8490, 36.0854, 35.3634

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.



9.9024, 15.8909, 33.4134



23.7430, 15.8909, 14.9126



9.2558, 15.8909, 10.1982

Square

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



23.7430, 15.8909, 14.9126



14.2445, 15.8909, 3.6108



8.8648, 15.8909, 19.9350



15.9970, 15.8909, 48.1785

Rectangle

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



23.7430, 15.8909, 14.9126



19.5489, 15.8909, 4.9127



8.8648, 15.8909, 19.9350



11.3895, 15.8909, 41.8874

Sweetspot

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



23.7434, 15.8917, 14.9129



63.0615, 59.4420, 64.6762



23.7027, 15.2195, 44.3363



13.6676, 12.7008, 13.8002



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.



23.7434, 15.8917, 14.9129



38.9144, 23.3574, 18.9864



24.5649, 19.3890, 9.4699



8.5857, 8.5410, 9.3165



13.5283, 6.9289, 2.6763



0.4503, 0.2279, 0.2141

Inverse Universe

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



23.7434, 15.8917, 14.9129



38.9144, 23.3574, 18.9864



22.9526, 28.3425, 46.9088



8.5857, 8.5410, 9.3165



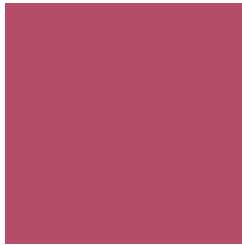
13.5283, 6.9289, 2.6763



0.4503, 0.2279, 0.2141

Previews

White Background



This preview shows how the XYZ color 23.7430, 15.8909, 14.9126 looks on a white background.

Color Contrast Check

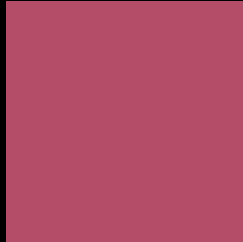
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7430, 15.8909, 14.9126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

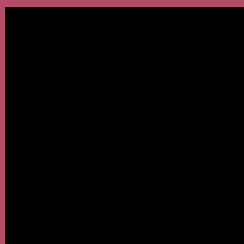
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.7430, 15.8909, 14.9126

Background



This preview shows how black text looks on a background with the XYZ color 23.7430, 15.8909, 14.9126.



This preview shows how white text looks on a background with the XYZ color 23.7430, 15.8909,

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

23.7430, 15.8909, 14.9126

Protanopia

15.6900, 16.1139, 21.0222

Deuteranopia

16.3671, 16.1380, 14.0567



Tritanopia

22.9085, 15.8742, 10.6607

Trichromacy



Original Color

23.7430, 15.8909, 14.9126

Protanomaly

17.6059, 15.3355, 18.5551

Deuteranomaly

18.4777, 15.6000, 14.3491

Tritanomaly

23.1319, 15.8473, 12.1956

Monochromacy



Original Color

23.7430, 15.8909, 14.9126

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.3220, 15.2406, 16.2161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7430, 15.8909, 14.9126 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(179, 77, 104)` looks like.

```
.text, #text, p{  
    color:rgb(179, 77, 104)  
}
```

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(179, 77, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 77, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.7430, 15.8909, 14.9126 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(179, 77, 104) }
```


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

```
.border{ border-color:rgb(179, 77, 104) }
```

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

Here you see how a box with a 4 pixel rgb(179, 77, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 77, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 77, 104);  
box-shadow:4px 4px 4px 4px rgb(179, 77,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7430, 15.8909, 14.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 77, 104) }
```

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

```
.background{ background-color: rgb(179, 77,  
104) }
```

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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