

Converting Colors

XYZ(24.2324, 15.3116, 12.9875)

Have a look what the booklet for
XYZ(24.2324, 15.3116, 12.9875)
contains.

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Color

**XYZ(24.2324, 15.3116,
12.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	B94461
RGB	185, 68, 97
RGB Percent	73%, 27%, 38%
CMY	0.2745, 0.7333, 0.6196
CMYK	0.00, 0.63, 0.48, 0.27
HSL	345°, 46%, 50%
HSV	345°, 63%, 73%
XYZ	24.2324, 15.3116, 12.9875
YIQ	106.2890, 60.4230, 33.8230

Conversions

Conversions Part 2

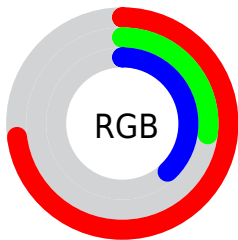
Format	Color
R_{YB}	185, 68, 97
Decimal	12141665
CIE _{Lab}	46.06, 49.55, 8.55
CIE _{LCh}	46, 50.286, 9.785
Yxy	15.3116, 0.4613, 0.2915
Android (android.graphics.Color)	4290331745 (0xFFB94461)
YUV	106.2890, -4.5795, 69.0295
Hunter-Lab	39.1300, 42.0637, 7.7123

Details

The XYZ color **24.2324, 15.3116, 12.9875** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.7346, 38.3276, 37.4969**, and the grayscale version is **13.7801, 14.4978, 15.7881**.

A 20% lighter version of the original color is **49.8822, 35.4381, 31.8149**, and **9.3608, 4.7728, 3.5598** is the 20% darker color. If you saturate the color by 10%, you get **22.6918, 13.1794, 9.5488**, and if you desaturate by 10%, it is **26.2406, 18.1969, 17.1439**.

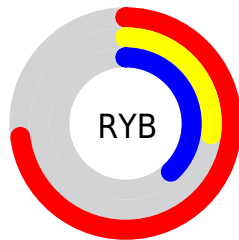
Distribution



Red (73%)

Green (27%)

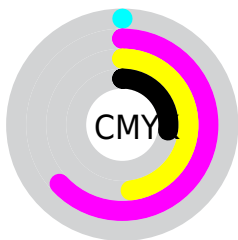
Blue (38%)



Red (73%)

Yellow (27%)

Blue (38%)

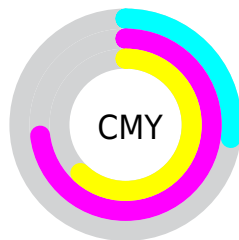


Cyan (0%)

Magenta (63%)

Yellow (48%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2324, 15.3116, 12.9875 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 24.2324, 15.3116, 12.9875 by changing the saturation by 10% instead.


 24.2324, 15.3116,
12.9875


 24.2324, 15.3116,
12.9875


266.4120,
225.2446, 222.0426


 15.6318, 9.0384,
7.2893

 49.8611, 35.3989,
31.9722


 9.3532, 4.7662,
3.5625


 67.6199, 49.9818,
46.0958


 5.0312, 2.1108,
1.3885

 89.1621, 68.1033,
63.8649

 2.3005, 0.6707,
0.1328

 114.8531, 90.1478,
85.6981

 0.7949, 0.0000,
0.0000

 145.0582,
116.4999, 112.0139

 0.0000, 0.0000,
0.0000

180.1429,

147.5437, 143.2309

220.4723,
183.6638, 179.7676

■ 24.2324, 15.3116,
12.9875

■ 24.2324, 15.3116,
12.9875

■ 22.6918, 13.1794,
9.5488

■ 26.2406, 18.1969,
17.1439

■ 21.5772, 11.7264,
6.7841

■ 28.7507, 21.8952,
22.0563

■ 20.8410, 10.8680,
4.6458

■ 31.7952, 26.4630,
27.7611

■ 20.4977, 10.5103,
3.5174

■ 35.4034, 31.9511,
34.2918

■ 39.6024, 38.4064,
41.6803

■ 44.4175, 45.8726,
49.9566

■ 49.8725, 54.3907,
59.1490

■ 55.9901, 63.9995,
69.2850

■ 62.7916, 74.7356,
80.3905

Harmonies

Analogous

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



23.6939, 15.3116, 26.1847



24.2324, 15.3116, 12.9875



21.8154, 15.3116, 5.7002

Triad

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



24.2324, 15.3116, 12.9875



9.9076, 15.3116, 4.3467



11.8973, 15.3116, 49.8883

Complementary

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



24.2324, 15.3116, 12.9875



25.7346, 38.3276, 37.4969

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.



9.1133, 15.3116, 36.6906



24.2324, 15.3116, 12.9875



8.1300, 15.3116, 9.7969

Square

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



24.2324, 15.3116, 12.9875



13.2024, 15.3116, 2.5796



7.8708, 15.3116, 20.9941



15.9931, 15.3116, 52.2204

Rectangle

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



24.2324, 15.3116, 12.9875



19.0868, 15.3116, 3.4919



7.8708, 15.3116, 20.9941



10.8012, 15.3116, 46.3506

Sweetspot

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



24.2328, 15.3124, 12.9878



66.2332, 61.5555, 66.4293



24.4868, 14.6810, 47.4420



13.8345, 12.5891, 13.5342



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.



24.2328, 15.3124, 12.9878



39.7546, 22.4243, 14.9795



25.3495, 19.3283, 7.8646



9.0935, 9.0478, 9.8396



13.9822, 7.1666, 2.5269



0.5183, 0.2628, 0.2230

Inverse Universe

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



24.2328, 15.3124, 12.9878



39.7546, 22.4243, 14.9795



22.9882, 28.4256, 50.1740



9.0935, 9.0478, 9.8396



13.9822, 7.1666, 2.5269



0.5183, 0.2628, 0.2230

Previews

White Background



This preview shows how the XYZ color 24.2324, 15.3116, 12.9875 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 24.2324, 15.3116, 12.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

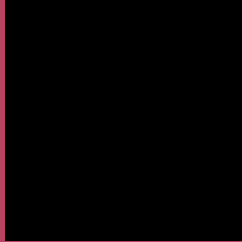
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2324, 15.3116, 12.9875

Background



This preview shows how black text looks on a background with the XYZ color 24.2324, 15.3116, 12.9875.



This preview shows how white text looks on a background with the XYZ color 24.2324, 15.3116,

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

24.2324, 15.3116, 12.9875

Protanopia

15.1051, 15.5204, 19.6524

Deuteranopia

15.7948, 15.5754, 12.0714



Tritanopia

23.4241, 15.3609, 8.7515

Trichromacy



Original Color

24.2324, 15.3116, 12.9875

Protanomaly

17.1885, 14.4715, 16.9263

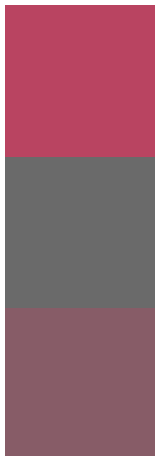
Deuteranomaly

18.0157, 14.7405, 12.2516

Tritanomaly

23.6206, 15.3369, 10.1029

Monochromacy



Original Color

24.2324, 15.3116, 12.9875

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.2670, 13.7845, 14.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2324, 15.3116, 12.9875 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(185, 68, 97)` looks like.

```
.text, #text, p{  
    color:rgb(185, 68, 97)  
}
```

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(185, 68, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 68, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.2324, 15.3116, 12.9875 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(185, 68, 97) }
```


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

```
.border{ border-color:rgb(185, 68, 97) }
```

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

Here you see how a box with a 4 pixel rgb(185, 68, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 68, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 68, 97);  
box-shadow:4px 4px 4px 4px rgb(185, 68,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2324, 15.3116, 12.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 68, 97) }
```

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

```
.background{ background-color: rgb(185, 68,  
97) }
```

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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