

Converting Colors

XYZ(24.3866, 15.9817, 16.5513)

Have a look what the booklet for
XYZ(24.3866, 15.9817, 16.5513)
contains.

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Color

**XYZ(24.3866, 15.9817,
16.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	B54B6E
RGB	181, 75, 110
RGB Percent	71%, 29%, 43%
CMY	0.2902, 0.7059, 0.5686
CMYK	0.00, 0.59, 0.39, 0.29
HSL	340°, 42%, 50%
HSV	340°, 59%, 71%
XYZ	24.3866, 15.9817, 16.5513
YIQ	110.6840, 51.9410, 33.3570

Conversions

Conversions Part 2

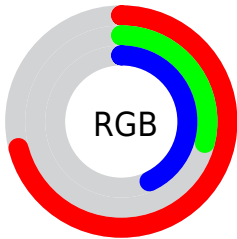
Format	Color
R_{YB}	181, 75, 110
Decimal	11881326
CIE Lab	46.95, 46.38, 1.80
CIE LCh	47, 46.414, 2.219
Yxy	15.9817, 0.4284, 0.2808
Android (android.graphics.Color)	4290071406 (0xFFB54B6E)
YUV	110.6840, -0.3372, 61.6671
Hunter-Lab	39.9771, 38.9275, 3.4368

Details

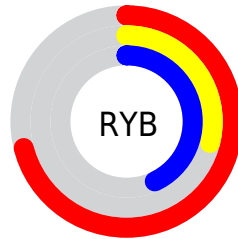
The XYZ color **24.3866, 15.9817, 16.5513** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.6147, 36.6193, 32.9673**, and the grayscale version is **15.0090, 15.7906, 17.1960**.

A 20% lighter version of the original color is **50.0874, 36.5368, 38.1306**, and **9.4257, 5.0766, 5.1857** is the 20% darker color. If you saturate the color by 10%, you get **22.7133, 13.6202, 12.9565**, and if you desaturate by 10%, it is **26.5003, 19.0793, 20.7388**.

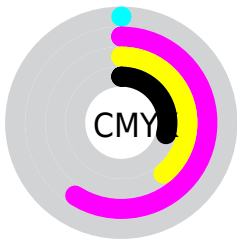
Distribution



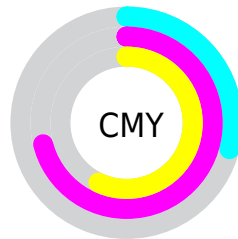
- Red (71%)
- Green (29%)
- Blue (43%)



- Red (71%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (59%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3866, 15.9817, 16.5513 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 24.3866, 15.9817, 16.5513 by changing the saturation by 10% instead.


 24.3866, 15.9817,
16.5513


 24.3866, 15.9817,
16.5513


267.1736,
229.2337, 244.5290


 15.7469, 9.5112,
9.7565


 50.1104, 36.5664,
38.3327


 9.4350, 5.0761,
5.1343


 67.9253, 51.4495,
54.1564


 5.0853, 2.2920,
2.2662

 89.5293, 69.9055,
73.8269

 2.3327, 0.7695,
0.7122

 115.2878, 92.3188,
97.7626

 0.8113, 0.0000,
0.0000

 145.5661,
119.0739, 126.3821

 0.0000, 0.0000,
0.0000

180.7296,

150.5552, 160.1040

221.1436,
187.1470, 199.3468

■ 24.3866, 15.9817,
16.5513

■ 24.3866, 15.9817,
16.5513

■ 22.7133, 13.6202,
12.9565

■ 26.5003, 19.0793,
20.7388

■ 21.4450, 11.9300,
9.9243

■ 29.0835, 22.9659,
25.5454

■ 20.5424, 10.8388,
7.4224

■ 32.1641, 27.6920,
30.9964

■ 19.9403, 10.2227,
5.4086

■ 35.7675, 33.3035,
37.1157

■ 19.8653, 10.1474,
5.1531

■ 39.9173, 39.8428,
43.9257

■ 44.6356, 47.3496,
51.4479

■ 49.9433, 55.8613,
59.7027

■ 55.8601, 65.4131,
68.7095

■ 62.4050, 76.0389,
78.4874

Harmonies

Analogous

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



23.1831, 15.9817, 30.0186



24.3866, 15.9817, 16.5513



22.7853, 15.9817, 8.0064

Triad

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



24.3866, 15.9817, 16.5513



11.4017, 15.9817, 4.5235



11.8388, 15.9817, 45.5678

Complementary

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



24.3866, 15.9817, 16.5513



24.6147, 36.6193, 32.9673

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.



9.5037, 15.9817, 32.2237



24.3866, 15.9817, 16.5513



9.2846, 15.9817, 8.9322

Square

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



24.3866, 15.9817, 16.5513



14.8903, 15.9817, 3.2683



8.6564, 15.9817, 18.2800



15.4939, 15.9817, 50.5994

Rectangle

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



24.3866, 15.9817, 16.5513



20.4837, 15.9817, 5.0487



8.6564, 15.9817, 18.2800



10.8975, 15.9817, 41.6810

Sweetspot

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



24.3870, 15.9825, 16.5516



64.2392, 59.9285, 66.7742



22.6522, 14.4499, 45.3112



13.4609, 12.2900, 13.7229



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.



24.3870, 15.9825, 16.5516



40.0191, 23.4926, 21.6929



24.2119, 18.1030, 8.8758



8.6082, 8.5500, 9.4353



13.7237, 7.0071, 3.7052



0.4595, 0.2315, 0.2622

Inverse Universe

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



24.3870, 15.9825, 16.5516



40.0191, 23.4926, 21.6929



24.3992, 31.1456, 48.4418



8.6082, 8.5500, 9.4353



13.7237, 7.0071, 3.7052



0.4595, 0.2315, 0.2622

Previews

White Background



This preview shows how the XYZ color 24.3866, 15.9817, 16.5513 looks on a white background.

Color Contrast Check

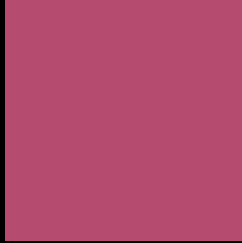
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3866, 15.9817, 16.5513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

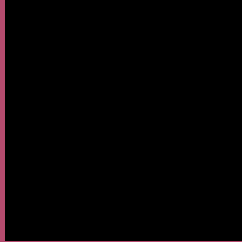
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3866, 15.9817, 16.5513

Background



This preview shows how black text looks on a background with the XYZ color 24.3866, 15.9817, 16.5513.



This preview shows how white text looks on a background with the XYZ color 24.3866, 15.9817,

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

24.3866, 15.9817, 16.5513

Protanopia

16.0336, 16.2230, 24.1161

Deuteranopia

16.3698, 16.1050, 15.6104



Tritanopia

23.0988, 15.9769, 10.4607

Trichromacy



Original Color

24.3866, 15.9817, 16.5513

Protanomaly

17.9974, 15.3415, 21.0814

Deuteranomaly

18.5138, 15.4470, 15.9157

Tritanomaly

23.5672, 15.9602, 12.4282

Monochromacy



Original Color

24.3866, 15.9817, 16.5513

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.3903, 15.1173, 17.0403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3866, 15.9817, 16.5513 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, 75, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 75, 110)  
}
```

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, 75, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 75, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.3866, 15.9817, 16.5513 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, 75, 110) }
```


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

```
.border{ border-color:rgb(181, 75, 110) }
```

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

Here you see how a box with a 4 pixel rgb(181, 75, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 75, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 75, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 75,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3866, 15.9817, 16.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 75, 110) }
```

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

```
.background{ background-color: rgb(181, 75,  
110) }
```

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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