

Converting Colors

XYZ(25.0712, 15.7363, 18.9262)

Have a look what the booklet for
XYZ(25.0712, 15.7363, 18.9262)
contains.

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Color

**XYZ(24.9266, 15.6315,
18.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	B74576
RGB	183, 69, 118
RGB Percent	72%, 27%, 46%
CMY	0.2824, 0.7294, 0.5373
CMYK	0.00, 0.62, 0.36, 0.28
HSL	334°, 45%, 49%
HSV	334°, 62%, 72%
XYZ	24.9266, 15.6315, 18.8430
YIQ	108.6720, 52.2150, 39.4070

Conversions

Conversions Part 2

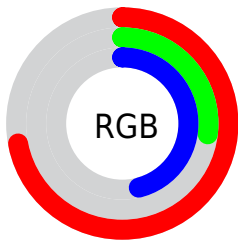
Format	Color
R_{YB}	183, 69, 118
Decimal	12010870
CIE _{Lab}	46.49, 50.70, -3.72
CIE _{LCh}	46, 50.840, 355.808
Yxy	15.6315, 0.4196, 0.2632
Android (android.graphics.Color)	4290200950 (0xFFB74576)
YUV	108.6720, 4.5987, 65.1857
Hunter-Lab	39.5367, 43.3492, -0.5816

Details

The XYZ color **24.9266, 15.6315, 18.8430** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.6917, 36.8539, 28.4212**, and the grayscale version is **14.4207, 15.1717, 16.5220**.

A 20% lighter version of the original color is **50.9566, 35.9454, 42.2827**, and **9.7314, 4.9212, 6.2313** is the 20% darker color. If you saturate the color by 10%, you get **23.3832, 13.4828, 15.4366**, and if you desaturate by 10%, it is **26.8865, 18.5034, 22.7271**.

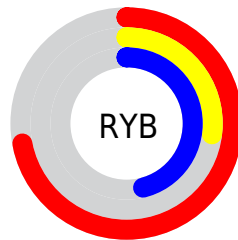
Distribution



Red (72%)

Green (27%)

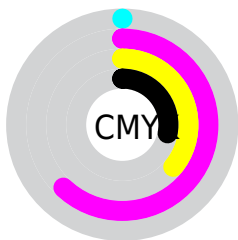
Blue (46%)



Red (72%)

Yellow (27%)

Blue (46%)

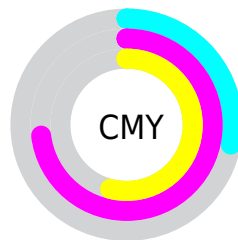


Cyan (0%)

Magenta (62%)

Yellow (36%)

Black (28%)



Cyan (28%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9266, 15.6315, 18.8430 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 24.9266, 15.6315, 18.8430 by changing the saturation by 10% instead.

■ 24.9266, 15.6315,
18.8430

■ 24.9266, 15.6315,
18.8430

269.8266,
227.1573, 257.9744

■ 16.1508, 9.2638,
11.3812

■ 50.9819, 35.9573,
42.3018

■ 9.7225, 4.9136,
6.2065

■ 68.9921, 50.6841,
59.1359

■ 5.2762, 2.1967,
2.9002

■ 90.8111, 68.9661,
79.9312

■ 2.4466, 0.7182,
1.0439

■ 116.8044, 91.1877,
105.1062

■ 0.8684, 0.0000,
0.0000

■ 147.3372,
117.7332, 135.0795

■ 0.0000, 0.0000,
0.0000

182.7749,

148.9870, 170.2696

223.4830,
185.3336, 211.0951

■ 24.9266, 15.6315,
18.8430

■ 24.9266, 15.6315,
18.8430

■ 23.3832, 13.4828,
15.4366

■ 26.8865, 18.5034,
22.7271

■ 22.2198, 11.9879,
12.4842

■ 29.2927, 22.1547,
27.1087

■ 21.3949, 11.0674,
9.9606

■ 32.1736, 26.6388,
32.0076

■ 20.9272, 10.6268,
8.2793

■ 35.5546, 32.0037,
37.4417

■ 39.4594, 38.2937,
43.4283

■ 43.9102, 45.5500,
49.9836

■ 48.9276, 53.8116,
57.1232

■ 54.5315, 63.1149,
64.8620

■ 60.7404, 73.4949,
73.2143

Harmonies

Analogous

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



22.9593, 15.6315, 34.4689



24.9266, 15.6315, 18.8430



23.7913, 15.6315, 8.5378

Triad

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



24.9266, 15.6315, 18.8430



11.4873, 15.6315, 3.2387



10.6131, 15.6315, 45.7414

Complementary

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



24.9266, 15.6315, 18.8430



23.6917, 36.8539, 28.4212

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.



8.4974, 15.6315, 29.8122



24.9266, 15.6315, 18.8430



8.9282, 15.6315, 6.7528

Square

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



24.9266, 15.6315, 18.8430



15.4809, 15.6315, 2.5249



7.9470, 15.6315, 15.3186



14.2507, 15.6315, 54.1337

Rectangle

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



24.9266, 15.6315, 18.8430



21.5273, 15.6315, 4.9301



7.9470, 15.6315, 15.3186



9.7305, 15.6315, 40.8005

Sweetspot

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



24.9270, 15.6323, 18.8433



65.6602, 60.4960, 70.1454



20.4441, 12.7116, 46.1759



14.0822, 12.6882, 14.8388



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.



24.9270, 15.6323, 18.8433



40.9789, 22.9579, 25.4645



23.2292, 15.7498, 7.4469



9.1605, 9.0746, 10.1928



14.6322, 7.4266, 5.9497



0.5470, 0.2743, 0.3737

Inverse Universe

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



24.9270, 15.6323, 18.8433



40.9789, 22.9579, 25.4645



26.4100, 35.5005, 50.2602



9.1605, 9.0746, 10.1928



14.6322, 7.4266, 5.9497



0.5470, 0.2743, 0.3737

Previews

White Background



This preview shows how the XYZ color 24.9266, 15.6315, 18.8430 looks on a white background.

Color Contrast Check

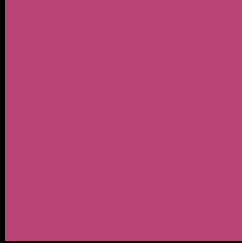
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9266, 15.6315, 18.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

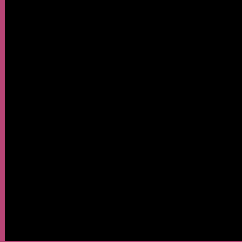
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.9266, 15.6315, 18.8430

Background



This preview shows how black text looks on a background with the XYZ color 24.9266, 15.6315, 18.8430.



This preview shows how white text looks on a background with the XYZ color 24.9266, 15.6315,

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

24.9266, 15.6315, 18.8430

Protanopia

16.0895, 15.9903, 28.6240

Deuteranopia

16.0675, 15.7502, 17.5225



Tritanopia

22.9993, 15.6202, 9.7855

Trichromacy



Original Color

24.9266, 15.6315, 18.8430

Protanomaly

17.8255, 14.7590, 24.8309

Deuteranomaly

18.4532, 14.9729, 17.8371

Tritanomaly

23.5704, 15.5475, 12.5852

Monochromacy



Original Color

24.9266, 15.6315, 18.8430

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.0807, 14.4095, 17.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9266, 15.6315, 18.8430 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, 69, 118)` looks like.

```
.text, #text, p{  
    color:rgb(183, 69, 118)  
}
```

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, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 69, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.9266, 15.6315, 18.8430 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, 69, 118) }
```


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

```
.border{ border-color:rgb(183, 69, 118) }
```

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

Here you see how a box with a 4 pixel rgb(183, 69, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 69, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 69, 118);  
box-shadow:4px 4px 4px 4px rgb(183, 69,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9266, 15.6315, 18.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 69, 118) }
```

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

```
.background{ background-color: rgb(183, 69,  
118) }
```

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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