

Converting Colors

XYZ(24.3254, 16.0443, 23.3768)

Have a look what the booklet for
XYZ(24.3254, 16.0443, 23.3768)
contains.

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Color

**XYZ(24.2062, 15.9451,
23.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4D83
RGB	174, 77, 131
RGB Percent	68%, 30%, 51%
CMY	0.3176, 0.6980, 0.4863
CMYK	0.00, 0.56, 0.25, 0.32
HSL	327°, 39%, 49%
HSV	327°, 56%, 68%
XYZ	24.2062, 15.9451, 23.2746
YIQ	112.1590, 40.4780, 37.3580

Conversions

Conversions Part 2

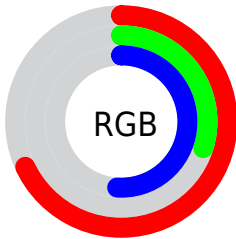
Format	Color
RYB	174, 77, 131
Decimal	11423107
CIELab	46.90, 45.80, -11.13
CIELCh	47, 47.134, 346.340
Yxy	15.9451, 0.3816, 0.2514
Android (android.graphics.Color)	4289613187 (0xFFAE4D83)
YUV	112.1590, 9.2886, 54.2346
Hunter-Lab	39.9313, 38.3262, -6.6062

Details

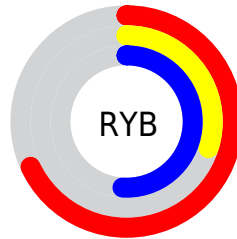
The XYZ color **24.2062, 15.9451, 23.2746** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.5876, 33.2065, 23.0427**, and the grayscale version is **15.4136, 16.2163, 17.6595**.

A 20% lighter version of the original color is **49.9131, 36.5818, 49.7777**, and **9.4176, 5.1050, 8.4716** is the 20% darker color. If you saturate the color by 10%, you get **22.6441, 13.6265, 20.2698**, and if you desaturate by 10%, it is **26.1338, 18.9321, 26.5936**.

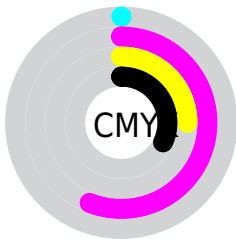
Distribution



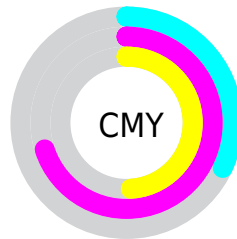
- Red (68%)
- Green (30%)
- Blue (51%)



- Red (68%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (25%)
- Black (32%)




- Cyan (32%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2062, 15.9451, 23.2746 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 24.2062, 15.9451, 23.2746 by changing the saturation by 10% instead.


 24.2062, 15.9451,
23.2746


 24.2062, 15.9451,
23.2746


266.2825,
229.0175, 282.2998


 15.6122, 9.4853,
14.5892


 49.8187, 36.5029,
49.7727

 9.3393, 5.0591,
8.3882


 67.5679, 51.3696,
68.4225


 5.0220, 2.2820,
4.2530

 89.0996, 69.8075,
91.2309

 2.2951, 0.7641,
1.7651

 114.7792, 92.2009,
118.6163

 0.7921, 0.0000,
0.4048

 144.9718,
118.9342, 150.9974

 0.0000, 0.0000,
0.0000

180.0430,

150.3918, 188.7926

220.3581,
186.9582, 232.4206

■ 24.2062, 15.9451,
23.2746

■ 24.2062, 15.9451,
23.2746

■ 22.6441, 13.6265,
20.2698

■ 26.1338, 18.9321,
26.5936

■ 21.4185, 11.9203,
17.5650

■ 28.4501, 22.6328,
30.2381

■ 20.4984, 10.7654,
15.1456

■ 31.1776, 27.0912,
34.2197

■ 19.8433, 10.0824,
12.9937

■ 34.3369, 32.3471,
38.5490

■ 19.6070, 9.8592,
12.1453

■ 37.9471, 38.4375,
43.2362

■ 42.0262, 45.3972,
48.2907

■ 46.5910, 53.2587,
53.7217

■ 51.6576, 62.0532,
59.5380

■ 57.2414, 71.8100,
65.7480

Harmonies

Analogous

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



21.6228, 15.9451, 38.1469



24.2062, 15.9451, 23.2746



24.0757, 15.9451, 11.7399

Triad

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



24.2062, 15.9451, 23.2746



13.0386, 15.9451, 3.4393



10.3274, 15.9451, 39.4265

Complementary

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



24.2062, 15.9451, 23.2746



21.5876, 33.2065, 23.0427

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.



8.7656, 15.9451, 24.5405



24.2062, 15.9451, 23.2746



10.1262, 15.9451, 5.9539

Square

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



24.2062, 15.9451, 23.2746



17.0996, 15.9451, 3.3470



8.6993, 15.9451, 12.5457



13.3644, 15.9451, 49.9545

Rectangle

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



24.2062, 15.9451, 23.2746



22.4552, 15.9451, 7.1057



8.6993, 15.9451, 12.5457



9.6385, 15.9451, 34.5265

Sweetspot

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



24.2067, 15.9459, 23.2749



61.3385, 57.0923, 68.6593



17.9070, 12.2890, 41.4729



13.3753, 12.2588, 14.9118



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.2067, 15.9459, 23.2749



40.4766, 23.8625, 35.5198



21.6895, 14.9390, 10.0197



8.1848, 8.0872, 9.2842



14.2512, 7.1630, 8.9682



0.4234, 0.2101, 0.3915

Inverse Universe

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



24.2067, 15.9459, 23.2749



40.4766, 23.8625, 35.5198



25.2217, 34.6601, 42.1794



8.1848, 8.0872, 9.2842



14.2512, 7.1630, 8.9682



0.4234, 0.2101, 0.3915

Previews

White Background



This preview shows how the XYZ color 24.2062, 15.9451, 23.2746 looks on a white background.

Color Contrast Check

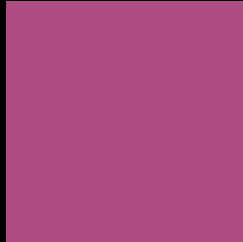
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2062, 15.9451, 23.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

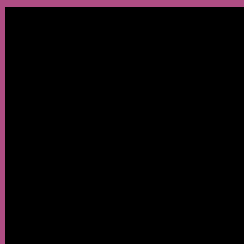
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2062, 15.9451, 23.2746

Background



This preview shows how black text looks on a background with the XYZ color 24.2062, 15.9451, 23.2746.



This preview shows how white text looks on a background with the XYZ color 24.2062, 15.9451,

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

24.2062, 15.9451, 23.2746

Protanopia

16.5543, 16.1376, 32.8142

Deuteranopia

16.4370, 16.1566, 21.9909



Tritanopia

21.8371, 15.9743, 12.0576

Trichromacy



Original Color

24.2062, 15.9451, 23.2746

Protanomaly

18.1602, 15.2463, 29.1798

Deuteranomaly

18.4875, 15.4263, 22.4252

Tritanomaly

22.4894, 15.8850, 15.5165

Monochromacy



Original Color

24.2062, 15.9451, 23.2746

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.7833, 15.4065, 19.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2062, 15.9451, 23.2746 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(174, 77, 131)` looks like.

```
.text, #text, p{  
  color:rgb(174, 77, 131)  
}
```

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(174, 77, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 77, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.2062, 15.9451, 23.2746 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(174, 77, 131) }
```


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

```
.border{ border-color:rgb(174, 77, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 77, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 77, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 77, 131);  
box-shadow:4px 4px 4px 4px rgb(174, 77,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2062, 15.9451, 23.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 77, 131) }
```

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

```
.background{ background-color: rgb(174, 77,  
131) }
```

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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