

Converting Colors

XYZ(24.6243, 18.8677, 25.6484)

Have a look what the booklet for
XYZ(24.6243, 18.8677, 25.6484)
contains.

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Color

**XYZ(24.6317, 18.8082,
25.6247)**

Conversions

Conversions Part 1

Format	Color
Hex	A66388
RGB	166, 99, 136
RGB Percent	65%, 39%, 53%
CMY	0.3490, 0.6117, 0.4667
CMYK	0.00, 0.40, 0.18, 0.35
HSL	327°, 27%, 52%
HSV	327°, 40%, 65%
XYZ	24.6317, 18.8082, 25.6247
YIQ	123.2510, 28.0550, 25.7110

Conversions

Conversions Part 2

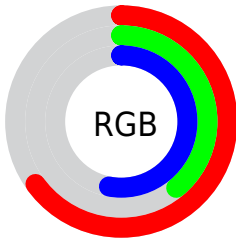
Format	Color
R _{YB}	166, 99, 136
Decimal	10904456
CIE Lab	50.46, 32.30, -8.89
CIE LCh	50, 33.505, 344.613
Yxy	18.8082, 0.3566, 0.2723
Android (android.graphics.Color)	4289094536 (0xFFA66388)
YUV	123.2510, 6.2853, 37.4909
Hunter-Lab	43.3684, 25.4868, -4.6742

Details

The XYZ color **24.6317, 18.8082, 25.6247** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7451, 31.5107, 25.6536**, and the grayscale version is **18.8835, 19.8669, 21.6350**.

A 20% lighter version of the original color is **50.3761, 41.3369, 53.4678**, and **9.5024, 6.3978, 9.5382** is the 20% darker color. If you saturate the color by 10%, you get **22.7076, 15.7762, 22.4668**, and if you desaturate by 10%, it is **26.9168, 22.5031, 29.0842**.

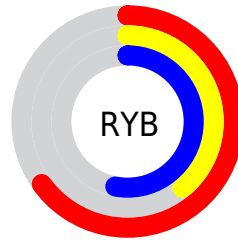
Distribution



Red (65%)

Green (39%)

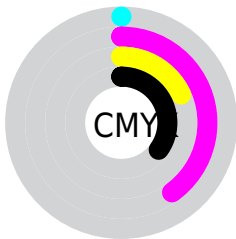
Blue (53%)



Red (65%)

Yellow (39%)

Blue (53%)

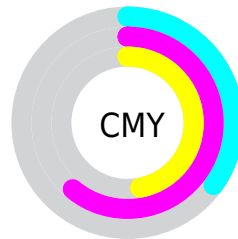


Cyan (0%)

Magenta (40%)

Yellow (18%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6317, 18.8082, 25.6247 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 24.6317, 18.8082, 25.6247 by changing the saturation by 10% instead.


 24.6317, 18.8082,
25.6247


 24.6317, 18.8082,
25.6247


268.3804,
245.3879, 294.4815


 15.9301, 11.5318,
16.3198


 50.5063, 41.4098,
53.6455


 9.5653, 6.4257,
9.5940


 68.4101, 57.5037,
73.1985

 5.1717, 3.1056,
5.0285

 90.1119, 77.3055,
97.0047

 2.3842, 1.1871,
2.2050

 115.9773,
101.1997, 125.4825

 0.8372, 0.0512,
0.6772

146.3714,
129.5707, 159.0506

 0.0000, 0.0000,
0.0000

181.6598,

162.8027, 198.1274

222.2076,
201.2803, 243.1315

■ 24.6317, 18.8082,
25.6247

■ 24.6317, 18.8082,
25.6247

■ 22.7076, 15.7762,
22.4668

■ 26.9168, 22.5031,
29.0842

■ 21.1223, 13.3644,
19.5987

■ 29.5802, 26.8950,
32.8539

■ 19.8532, 11.5289,
17.0094

■ 32.6400, 32.0190,
36.9435

■ 18.8745, 10.2191,
14.6865

■ 36.1127, 37.9068,
41.3618

■ 18.1556, 9.3755,
12.6157

■ 40.0139, 44.5883,
46.1173

■ 17.6434, 8.8740,
10.8323

■ 44.3581, 52.0919,
51.2181

■ 49.1593, 60.4444,
56.6718

■ 54.4309, 69.6716,
62.4860

■ 60.1856, 79.7980,
68.6678

Harmonies

Analogous

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



22.6535, 18.8082, 36.1129



24.6317, 18.8082, 25.6247



24.6589, 18.8082, 16.2731

Triad

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



24.6317, 18.8082, 25.6247



16.3404, 18.8082, 7.5507



13.7730, 18.8082, 35.8629

Complementary

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



24.6317, 18.8082, 25.6247



22.7451, 31.5107, 25.6536

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.



12.4682, 18.8082, 25.3534



24.6317, 18.8082, 25.6247



13.8234, 18.8082, 10.1683

Square

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



24.6317, 18.8082, 25.6247



19.5931, 18.8082, 7.5831



12.4854, 18.8082, 16.0727



16.2634, 18.8082, 43.1399

Rectangle

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



24.6317, 18.8082, 25.6247



23.5516, 18.8082, 11.8760



12.4854, 18.8082, 16.0727



13.1954, 18.8082, 32.4712

Sweetspot

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



24.6323, 18.8091, 25.6251



58.1471, 56.2745, 65.6203



20.2527, 16.2696, 38.1497



12.8532, 12.3261, 14.4748



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.6323, 18.8091, 25.6251



41.6849, 29.3675, 41.5824



22.6601, 18.0202, 15.2400



7.6979, 7.6090, 8.7266



13.7052, 6.8908, 8.5252



0.3587, 0.1777, 0.3401

Inverse Universe

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



24.6323, 18.8091, 25.6251



41.6849, 29.3675, 41.5824



25.2626, 32.5177, 38.9109



7.6979, 7.6090, 8.7266



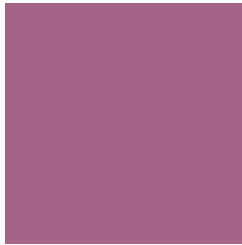
13.7052, 6.8908, 8.5252



0.3587, 0.1777, 0.3401

Previews

White Background



This preview shows how the XYZ color 24.6317, 18.8082, 25.6247 looks on a white background.

Color Contrast Check

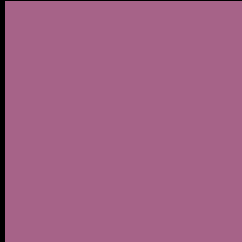
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.6317, 18.8082, 25.6247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

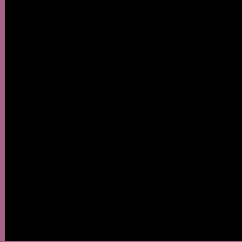
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6317, 18.8082, 25.6247

Background



This preview shows how black text looks on a background with the XYZ color 24.6317, 18.8082, 25.6247.



This preview shows how white text looks on a background with the XYZ color 24.6317, 18.8082,

25.6247.

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

24.6317, 18.8082, 25.6247

Protanopia

18.9119, 18.9064, 31.5067

Deuteranopia

19.3473, 18.9281, 24.8241



Tritanopia

22.9238, 18.8349, 17.4662

Trichromacy



Original Color

24.6317, 18.8082, 25.6247

Protanomaly

20.4207, 18.5382, 29.2900

Deuteranomaly

20.8635, 18.5358, 25.0324

Tritanomaly

23.4514, 18.7513, 20.1526

Monochromacy



Original Color

24.6317, 18.8082, 25.6247

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5611, 19.0821, 23.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6317, 18.8082, 25.6247 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(166, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(166, 99, 136)  
}
```

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(166, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 99, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.6317, 18.8082, 25.6247 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(166, 99, 136) }
```


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

```
.border{ border-color:rgb(166, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 99,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6317, 18.8082, 25.6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 99, 136) }
```

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

```
.background{ background-color: rgb(166, 99,  
136) }
```

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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