

Converting Colors

XYZ(24.5197, 18.8049, 21.6322)

Have a look what the booklet for
XYZ(24.5197, 18.8049, 21.6322)
contains.

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Color

**XYZ(24.5257, 18.8394,
21.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	A9637D
RGB	169, 99, 125
RGB Percent	66%, 39%, 49%
CMY	0.3373, 0.6117, 0.5098
CMYK	0.00, 0.41, 0.26, 0.34
HSL	338°, 29%, 53%
HSV	338°, 41%, 66%
XYZ	24.5257, 18.8394, 21.7458
YIQ	122.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

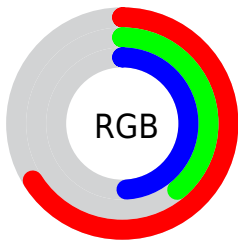
Format	Color
R_{YB}	169, 99, 125
Decimal	11101053
CIE Lab	50.50, 31.69, -2.25
CIE LCh	50, 31.768, 355.934
Yxy	18.8394, 0.3767, 0.2893
Android (android.graphics.Color)	4289291133 (0xFFA9637D)
YUV	122.8940, 1.0383, 40.4350
Hunter-Lab	43.4044, 24.9040, 0.6785

Details

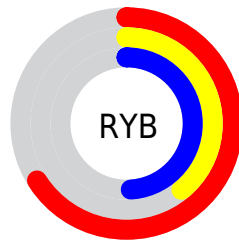
The XYZ color **24.5257, 18.8394, 21.7458** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2923, 33.0122, 31.0799**, and the grayscale version is **18.7813, 19.7594, 21.5180**.

A 20% lighter version of the original color is **50.4665, 41.5163, 47.4731**, and **9.5153, 6.4478, 7.5805** is the 20% darker color. If you saturate the color by 10%, you get **22.4462, 15.7089, 17.8815**, and if you desaturate by 10%, it is **27.0139, 22.6708, 26.1049**.

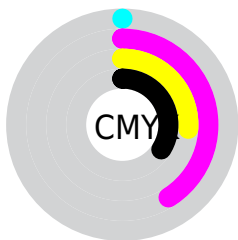
Distribution



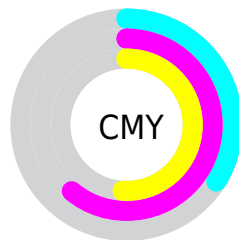
- Red (66%)
- Green (39%)
- Blue (49%)



- Red (66%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (34%)





- Cyan (34%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5257, 18.8394, 21.7458 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 24.5257, 18.8394, 21.7458 by changing the saturation by 10% instead.

 24.5257, 18.8394,
21.7458


 24.5257, 18.8394,
21.7458


267.8590,
245.5607, 274.1260


 15.8509, 11.5543,
13.4737


 50.3352, 41.4625,
47.2223


 9.5089, 6.4410,
7.6210


 68.2005, 57.5694,
65.2638

 5.1343, 3.1150,
3.7691

 89.8601, 77.3856,
87.3988

 2.3619, 1.1921,
1.4996

 115.6793,
101.2955, 114.0459

 0.8260, 0.0552,
0.2176

146.0234,
129.6836, 145.6236

 0.0000, 0.0000,
0.0000

181.2579,

162.9342, 182.5505

221.7479,
201.4318, 225.2451

■ 24.5257, 18.8394,
21.7458

■ 24.5257, 18.8394,
21.7458

■ 22.4462, 15.7089,
17.8815

■ 27.0139, 22.6708,
26.1049

■ 20.7505, 13.2337,
14.4920

■ 29.9306, 27.2397,
30.9755

■ 19.4132, 11.3666,
11.5570


■ 33.2963, 32.5836,
36.3749


■ 18.4052, 10.0532,
9.0546

■ 37.1295, 38.7362,
42.3192


■ 17.6920, 9.2292,
6.9600


■ 41.4478, 45.7297,
48.8237

 17.2529, 8.7913,
5.4560

 46.2676, 53.5943,
55.9032

 51.6049, 62.3585,
63.5716

 57.4748, 72.0500,
71.8428

 63.8916, 82.6947,
80.7298

Harmonies

Analogous

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



23.3049, 18.8394, 31.6229



24.5257, 18.8394, 21.7458



23.8118, 18.8394, 13.9230

Triad

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



24.5257, 18.8394, 21.7458



15.4267, 18.8394, 8.6825



14.7741, 18.8394, 38.1278

Complementary

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



24.5257, 18.8394, 21.7458



24.2923, 33.0122, 31.0799

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.



13.0681, 18.8394, 28.9100



24.5257, 18.8394, 21.7458



13.4133, 18.8394, 12.3676

Square

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



24.5257, 18.8394, 21.7458



18.3318, 18.8394, 7.7725



12.5999, 18.8394, 19.3275



17.4874, 18.8394, 42.6546

Rectangle

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



24.5257, 18.8394, 21.7458



22.3744, 18.8394, 10.5385



12.5999, 18.8394, 19.3275



14.0766, 18.8394, 35.3657

Sweetspot

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



24.5262, 18.8403, 21.7462



59.1208, 57.5397, 64.3389



22.8080, 17.5549, 39.7225



12.7166, 12.2714, 13.7550



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.



24.5262, 18.8403, 21.7462



40.3772, 28.3972, 32.3652



23.8901, 19.8870, 14.3850



7.6420, 7.5867, 8.4321



12.8826, 6.5617, 4.1931



0.3382, 0.1696, 0.2325

Inverse Universe

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



24.5262, 18.8403, 21.7462



40.3772, 28.3972, 32.3652



25.0234, 30.9493, 42.1911



7.6420, 7.5867, 8.4321



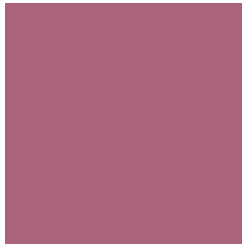
12.8826, 6.5617, 4.1931



0.3382, 0.1696, 0.2325

Previews

White Background



This preview shows how the XYZ color 24.5257, 18.8394, 21.7458 looks on a white background.

Color Contrast Check

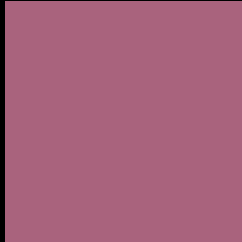
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5257, 18.8394, 21.7458 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 24.5257, 18.8394, 21.7458

Background



This preview shows how black text looks on a background with the XYZ color 24.5257, 18.8394, 21.7458.



This preview shows how white text looks on a background with the XYZ color 24.5257, 18.8394,

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

24.5257, 18.8394, 21.7458

Protanopia

18.7751, 19.1195, 26.7456

Deuteranopia

19.3899, 19.0333, 21.0642



Tritanopia

23.4480, 18.8224, 16.8652

Trichromacy



Original Color

24.5257, 18.8394, 21.7458

Protanomaly

20.3443, 18.6002, 24.7082

Deuteranomaly

20.8281, 18.6017, 21.2316

Tritanomaly

23.8966, 18.8700, 18.6024

Monochromacy



Original Color

24.5257, 18.8394, 21.7458

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.4706, 19.0653, 21.6698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5257, 18.8394, 21.7458 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(169, 99, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 99, 125)  
}
```

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(169, 99, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 99, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.5257, 18.8394, 21.7458 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(169, 99, 125) }
```


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

```
.border{ border-color:rgb(169, 99, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 99, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 99, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 99, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 99,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5257, 18.8394, 21.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 99, 125) }
```

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

```
.background{ background-color: rgb(169, 99,  
125) }
```

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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