

Converting Colors

XYZ(24.6904, 18.5235, 24.8279)

Have a look what the booklet for
XYZ(24.6904, 18.5235, 24.8279)
contains.

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Color

**XYZ(24.7262, 18.5954,
24.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	A86186
RGB	168, 97, 134
RGB Percent	66%, 38%, 53%
CMY	0.3412, 0.6196, 0.4745
CMYK	0.00, 0.42, 0.20, 0.34
HSL	329°, 29%, 52%
HSV	329°, 42%, 66%
XYZ	24.7262, 18.5954, 24.8403
YIQ	122.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

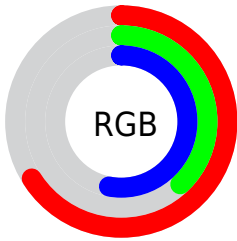
Format	Color
R_{YB}	168, 97, 134
Decimal	11035014
CIE Lab	50.21, 33.80, -8.05
CIE LCh	50, 34.741, 346.600
Yxy	18.5954, 0.3628, 0.2728
Android (android.graphics.Color)	4289225094 (0xFFA86186)
YUV	122.4470, 5.6956, 39.9500
Hunter-Lab	43.1224, 26.8870, -3.9679

Details

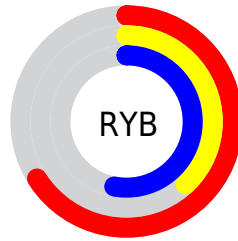
The XYZ color **24.7262, 18.5954, 24.8403** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0299, 32.1859, 26.4728**, and the grayscale version is **18.6203, 19.5900, 21.3335**.

A 20% lighter version of the original color is **50.7684, 41.0903, 52.2691**, and **9.5966, 6.3314, 9.1038** is the 20% darker color. If you saturate the color by 10%, you get **22.7952, 15.5973, 21.5326**, and if you desaturate by 10%, it is **27.0297, 22.2698, 28.4832**.

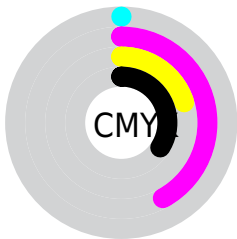
Distribution



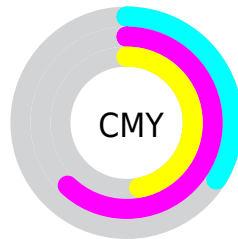
- Red (66%)
- Green (38%)
- Blue (53%)



- Red (66%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (34%)





- Cyan (34%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7262, 18.5954, 24.8403 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 24.7262, 18.5954, 24.8403 by changing the saturation by 10% instead.


 24.7262, 18.5954,
24.8403


 24.7262, 18.5954,
24.8403


268.8445,
244.2059, 290.4639


 16.0008, 11.3783,
15.7402


 50.6588, 41.0493,
52.3589


 9.6156, 6.3219,
9.1881


 68.5967, 57.0549,
71.6145

 5.2051, 3.0418,
4.7656


 90.3362, 76.7587,
95.0923

 2.4041, 1.1536,
2.0541

 116.2426,
100.5452, 123.2109

 0.8472, 0.0233,
0.5882

146.6813,
128.7988, 156.3888

 0.0000, 0.0000,
0.0000

182.0176,

161.9039, 195.0446

222.6169,
200.2448, 239.5968

■ 24.7262, 18.5954,
24.8403

■ 24.7262, 18.5954,
24.8403

■ 22.7952, 15.5973,
21.5326

■ 27.0297, 22.2698,
28.4832

■ 21.2132, 13.2307,
18.5471

■ 29.7242, 26.6563,
32.4714

■ 19.9564, 11.4492,
15.8712

■ 32.8286, 31.7916,
36.8158


■ 18.9972, 10.1993,
13.4907


■ 36.3603, 37.7089,
41.5264


■ 18.3027, 9.4169,
11.3894


■ 40.3356, 44.4393,
46.6128

 17.8912, 9.0220,
9.9326

 44.7698, 52.0124,
52.0841

 49.6776, 60.4562,
57.9491

 55.0730, 69.7975,
64.2164

 60.9693, 80.0617,
70.8940

Harmonies

Analogous

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



22.7912, 18.5954, 35.7893



24.7262, 18.5954, 24.8403



24.6097, 18.5954, 15.4118

Triad

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



24.7262, 18.5954, 24.8403



15.8937, 18.5954, 7.1964



13.6001, 18.5954, 36.8674

Complementary

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



24.7262, 18.5954, 24.8403



23.0299, 32.1859, 26.4728

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.



12.1823, 18.5954, 26.0010



24.7262, 18.5954, 24.8403



13.3871, 18.5954, 10.0168

Square

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



24.7262, 18.5954, 24.8403



19.2128, 18.5954, 7.0631



12.1096, 18.5954, 16.2584



16.2204, 18.5954, 44.0786

Rectangle

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



24.7262, 18.5954, 24.8403



23.3792, 18.5954, 11.1045



12.1096, 18.5954, 16.2584



12.9824, 18.5954, 33.3898

Sweetspot

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



24.7267, 18.5963, 24.8407



58.9868, 56.7162, 66.0064



20.5698, 16.1339, 39.0760



12.5844, 11.9097, 14.0113



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.



24.7267, 18.5963, 24.8407



41.4682, 28.4612, 39.2588



22.6935, 17.7830, 14.1339



7.6882, 7.6052, 8.6754



13.5367, 6.8234, 7.6380



0.3550, 0.1763, 0.3208

Inverse Universe

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



24.7267, 18.5963, 24.8407



41.4682, 28.4612, 39.2588



25.7823, 33.2868, 40.9667



7.6882, 7.6052, 8.6754



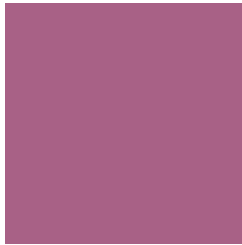
13.5367, 6.8234, 7.6380



0.3550, 0.1763, 0.3208

Previews

White Background



This preview shows how the XYZ color 24.7262, 18.5954, 24.8403 looks on a white background.

Color Contrast Check

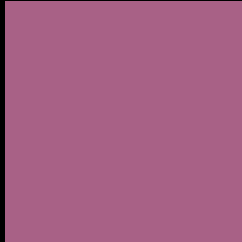
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7262, 18.5954, 24.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

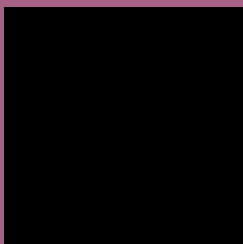
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7262, 18.5954, 24.8403

Background



This preview shows how black text looks on a background with the XYZ color 24.7262, 18.5954, 24.8403.



This preview shows how white text looks on a background with the XYZ color 24.7262, 18.5954,

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

24.7262, 18.5954, 24.8403

Protanopia

18.7522, 18.8425, 30.6656

Deuteranopia

19.2104, 18.8733, 24.1031



Tritanopia

23.0287, 18.6062, 16.8456

Trichromacy



Original Color

24.7262, 18.5954, 24.8403

Protanomaly

20.3152, 18.3386, 28.4556

Deuteranomaly

20.8961, 18.5686, 24.3125

Tritanomaly

23.5531, 18.5293, 19.4747

Monochromacy



Original Color

24.7262, 18.5954, 24.8403

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.3185, 18.8056, 22.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7262, 18.5954, 24.8403 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(168, 97, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 97, 134)  
}
```

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(168, 97, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 97, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.7262, 18.5954, 24.8403 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(168, 97, 134) }
```


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

```
.border{ border-color:rgb(168, 97, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 97, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 97, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 97, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 97,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7262, 18.5954, 24.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 97, 134) }
```

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

```
.background{ background-color: rgb(168, 97,  
134) }
```

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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