

Converting Colors

XYZ(21.9844, 18.4335, 25.5377)

Have a look what the booklet for
XYZ(21.9844, 18.4335, 25.5377)
contains.

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Color

**XYZ(21.9924, 18.4752,
25.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	956A88
RGB	149, 106, 136
RGB Percent	58%, 42%, 53%
CMY	0.4157, 0.5843, 0.4667
CMYK	0.00, 0.29, 0.09, 0.42
HSL	318°, 17%, 50%
HSV	318°, 29%, 58%
XYZ	21.9924, 18.4752, 25.6995
YIQ	122.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

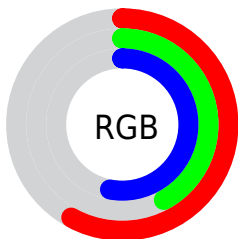
Format	Color
R_{YB}	149, 106, 136
Decimal	9792136
CIE _{Lab}	50.07, 22.19, -9.69
CIE _{LCh}	50, 24.210, 336.405
Yxy	18.4752, 0.3324, 0.2792
Android (android.graphics.Color)	4287982216 (0xFF956A88)
YUV	122.2770, 6.7654, 23.4361
Hunter-Lab	42.9828, 16.1107, -5.3617

Details

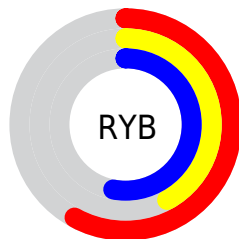
The XYZ color **21.9924, 18.4752, 25.6995** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0218, 25.8915, 21.3962**, and the grayscale version is **18.5646, 19.5314, 21.2697**.

A 20% lighter version of the original color is **46.3140, 40.9652, 53.6102**, and **8.1225, 6.2394, 9.5803** is the 20% darker color. If you saturate the color by 10%, you get **20.2749, 15.5417, 23.5805**, and if you desaturate by 10%, it is **23.9912, 21.9494, 27.9791**.

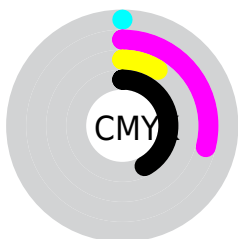
Distribution



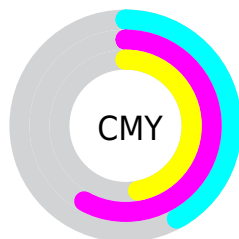
- Red (58%)
- Green (42%)
- Blue (53%)



- Red (58%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9924, 18.4752, 25.6995 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 21.9924, 18.4752, 25.6995 by changing the saturation by 10% instead.

21.9924, 18.4752,
25.6995

21.9924, 18.4752,
25.6995

255.1397,
243.5360, 294.8622

13.9679, 11.2917,
16.3752

46.2124, 40.8454,
53.7679

8.1799, 6.2634,
9.6328

63.1386, 56.8009,
73.3491

4.2630, 3.0059,
5.0538

83.7627, 76.4492,
97.1863

1.8520, 1.1348,
2.2196

108.4501,
100.1746, 125.6981

0.5487, 0.0075,
0.6856

137.5661,
128.3616, 159.3031

0.0000, 0.0000,
0.0000

171.4762,

161.3946, 198.4198

210.5456,
199.6579, 243.4666

■ 21.9924, 18.4752,
25.6995

■ 21.9924, 18.4752,
25.6995

■ 20.2749, 15.5417,
23.5805

■ 23.9912, 21.9494,
27.9791

■ 18.8232, 13.1187,
21.6156

■ 26.2828, 25.9874,
30.4232

■ 17.6226, 11.1768,
19.7991

■ 28.8797, 30.6141,
33.0371

■ 16.6563, 9.6828,
18.1246

■ 31.7933, 35.8520,
35.8253

■ 15.9053, 8.5991,
16.5851

■ 35.0347, 41.7228,
38.7923

■ 15.3477, 7.8818,
15.1722

■ 38.6139, 48.2466,
41.9421

■ 14.9355, 7.4356,
13.8691

■ 42.5410, 55.4430,
45.2788

■ 14.8908, 7.3881,
13.7248

■ 46.8253, 63.3306,
48.8063

■ 51.4759, 71.9274,
52.5282

Harmonies

Analogous

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



20.3545, 18.4752, 32.3062



21.9924, 18.4752, 25.6995



22.3974, 18.4752, 18.7191

Triad

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



21.9924, 18.4752, 25.6995



17.0652, 18.4752, 9.8726



14.1965, 18.4752, 28.7294

Complementary

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



21.9924, 18.4752, 25.6995



20.0218, 25.8915, 21.3962

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.



13.4749, 18.4752, 21.5815



21.9924, 18.4752, 25.6995



15.0339, 18.4752, 11.4583

Square

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



21.9924, 18.4752, 25.6995



19.4145, 18.4752, 10.5029



13.7673, 18.4752, 15.4067



15.8278, 18.4752, 34.3085

Rectangle

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



21.9924, 18.4752, 25.6995



21.8847, 18.4752, 14.9344



13.7673, 18.4752, 15.4067



13.8464, 18.4752, 26.3766

Sweetspot

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



21.9930, 18.4760, 25.6999



46.9264, 46.2877, 54.3362



18.1737, 16.3938, 30.6406



10.2721, 10.0324, 11.9090



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.9930, 18.4760, 25.6999



37.2250, 29.3854, 43.3933



20.6207, 17.9271, 18.4736



5.9614, 5.8796, 6.9028



12.5461, 6.2235, 11.6225



0.1667, 0.0814, 0.2113

Inverse Universe

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



21.9930, 18.4760, 25.6999



37.2250, 29.3854, 43.3933



21.4551, 26.4648, 28.9438



5.9614, 5.8796, 6.9028



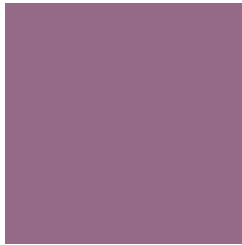
12.5461, 6.2235, 11.6225



0.1667, 0.0814, 0.2113

Previews

White Background



This preview shows how the XYZ color 21.9924, 18.4752, 25.6995 looks on a white background.

Color Contrast Check

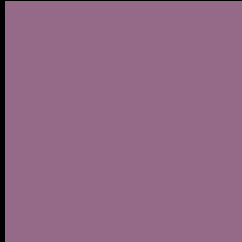
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9924, 18.4752, 25.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

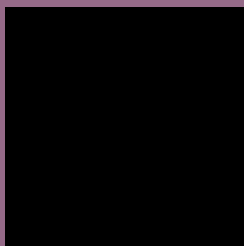
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9924, 18.4752, 25.6995

Background



This preview shows how black text looks on a background with the XYZ color 21.9924, 18.4752, 25.6995.



This preview shows how white text looks on a background with the XYZ color 21.9924, 18.4752,

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

21.9924, 18.4752, 25.6995

Protanopia

18.4519, 18.5479, 28.9931

Deuteranopia

18.8606, 18.4971, 25.1305



Tritanopia

20.7713, 18.4483, 19.6057

Trichromacy



Original Color

21.9924, 18.4752, 25.6995

Protanomaly

19.5774, 18.4697, 27.7325

Deuteranomaly

19.8402, 18.3242, 25.4129

Tritanomaly

21.2770, 18.5017, 21.8518

Monochromacy



Original Color

21.9924, 18.4752, 25.6995

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5919, 18.9286, 22.6997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9924, 18.4752, 25.6995 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(149, 106, 136)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 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(149, 106, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.9924, 18.4752, 25.6995 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(149, 106, 136) }
```


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

```
.border{ border-color:rgb(149, 106, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 106, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9924, 18.4752, 25.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 136) }
```

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

```
.background{ background-color: rgb(149,  
106, 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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