

Converting Colors

XYZ(24.2727, 18.1299, 16.9720)

Have a look what the booklet for
XYZ(24.2727, 18.1299, 16.9720)
contains.

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Color

**XYZ(24.2727, 18.1299,
16.9720)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AE5E6E |
| RGB | 174, 94, 110 |
| RGB Percent | 68%, 37%, 43% |
| CMY | 0.3176, 0.6314, 0.5686 |
| CMYK | 0.00, 0.46, 0.37, 0.32 |
| HSL | 348°, 33%, 53% |
| HSV | 348°, 46%, 68% |
| XYZ | 24.2727, 18.1299, 16.9720 |
| YIQ | 119.7440, 42.5440, 21.9360 |

Conversions

Conversions Part 2

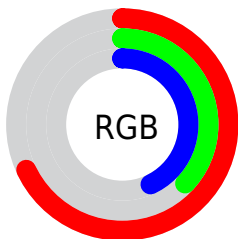
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 174, 94, 110 |
| Decimal | 11427438 |
| CIE Lab | 49.65, 34.23, 5.56 |
| CIE LCh | 50, 34.682, 9.225 |
| Yxy | 18.1299, 0.4088, 0.3053 |
| Android (android.graphics.Color) | 4289617518 (0xFFAE5E6E) |
| YUV | 119.7440, -4.8038, 47.5825 |
| Hunter-Lab | 42.5792, 27.2420, 6.1726 |

Details

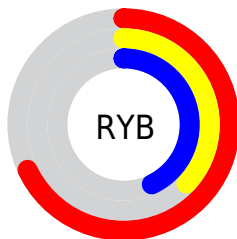
The XYZ color **24.2727, 18.1299, 16.9720** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9246, 35.1207, 37.7623**, and the grayscale version is **17.7767, 18.7025, 20.3670**.

A 20% lighter version of the original color is **49.9906, 40.2868, 38.8595**, and **9.4433, 6.1576, 5.3934** is the 20% darker color. If you saturate the color by 10%, you get **22.1968, 15.0973, 12.8299**, and if you desaturate by 10%, it is **26.8174, 21.9094, 21.8583**.

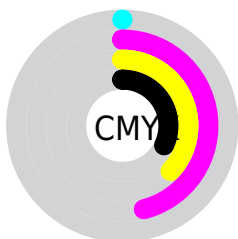
Distribution



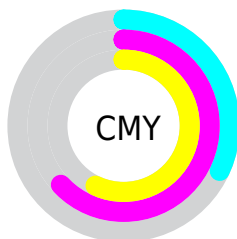
- Red (68%)
- Green (37%)
- Blue (43%)



- Red (68%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (32%)




- Cyan (32%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2727, 18.1299, 16.9720 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 24.2727, 18.1299, 16.9720 by changing the saturation by 10% instead.


 24.2727, 18.1299,
16.9720


 24.2727, 18.1299,
16.9720


266.6112,
241.6022, 247.0495


 15.6619, 11.0433,
10.0528


 49.9263, 40.2585,
39.0676


 9.3745, 6.0960,
5.3279


 67.6997, 56.0694,
55.0811

 5.0453, 2.9035,
2.3788

 89.2581, 75.5571,
74.9631

 2.3089, 1.0816,
0.7749

 114.9668, 99.1060,
99.1321

 0.7992, 0.0000,
0.0000

145.1911,
127.1006, 128.0067

 0.0000, 0.0000,
0.0000

180.2963,

159.9252, 162.0055

220.6479,
197.9643, 201.5469

■ 24.2727, 18.1299,
16.9720

■ 24.2727, 18.1299,
16.9720

■ 22.1968, 15.0973,
12.8299

■ 26.8174, 21.9094,
21.8583

■ 20.5591, 12.7594,
9.3937

■ 29.8562, 26.4783,
27.5222

■ 19.3273, 11.0611,
6.6234


■ 33.4141, 31.8790,
33.9962


■ 18.4639, 9.9381,
4.4744


■ 37.5144, 38.1501,
41.3109


■ 17.9213, 9.3066,
2.8949


■ 42.1784, 45.3277,
49.4951

 17.7558, 9.1188,
2.3983

 47.4267, 53.4460,
58.5762

 53.2786, 62.5374,
68.5805

 59.7526, 72.6327,
79.5332

 66.8664, 83.7613,
91.4584

Harmonies

Analogous

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



23.8604, 18.1299, 26.9011



24.2727, 18.1299, 16.9720



22.6207, 18.1299, 10.3457

Triad

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



24.2727, 18.1299, 16.9720



13.5279, 18.1299, 8.7564



15.0810, 18.1299, 42.0297

Complementary

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



24.2727, 18.1299, 16.9720



25.9246, 35.1207, 37.7623

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.



12.7751, 18.1299, 33.5815



24.2727, 18.1299, 16.9720



11.9610, 18.1299, 13.9786

Square

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



24.2727, 18.1299, 16.9720



16.2360, 18.1299, 6.7007



11.7042, 18.1299, 22.7945



18.2677, 18.1299, 43.6133

Rectangle

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



24.2727, 18.1299, 16.9720



20.6812, 18.1299, 7.8944



11.7042, 18.1299, 22.7945



14.1892, 18.1299, 39.7944

Sweetspot

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



24.2732, 18.1308, 16.9723



61.8227, 59.6744, 63.8458



25.7438, 18.3315, 42.2257



13.4105, 12.7597, 13.5964



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.



24.2732, 18.1308, 16.9723



40.2631, 27.3852, 23.2721



25.9550, 22.7646, 13.6170



8.0683, 8.0406, 8.6704



12.8961, 6.6210, 1.8322



0.3773, 0.1916, 0.1489

Inverse Universe

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



24.2732, 18.1308, 16.9723



40.2631, 27.3852, 23.2721



23.1632, 27.2491, 44.0830



8.0683, 8.0406, 8.6704



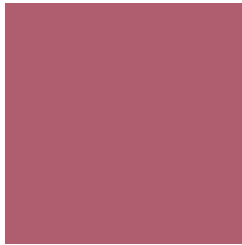
12.8961, 6.6210, 1.8322



0.3773, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 24.2727, 18.1299, 16.9720 looks on a white background.

Color Contrast Check

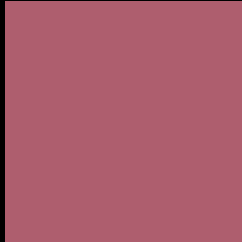
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2727, 18.1299, 16.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

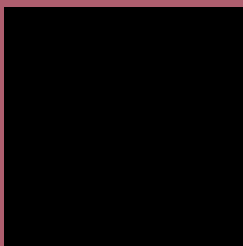
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2727, 18.1299, 16.9720

Background



This preview shows how black text looks on a background with the XYZ color 24.2727, 18.1299, 16.9720.



This preview shows how white text looks on a background with the XYZ color 24.2727, 18.1299,

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

24.2727, 18.1299, 16.9720

Protanopia

17.6613, 18.3089, 21.3420

Deuteranopia

18.5027, 18.1645, 16.4408



Tritanopia

23.7241, 18.0280, 14.7997

Trichromacy



Original Color

24.2727, 18.1299, 16.9720

Protanomaly

19.3861, 17.7343, 19.5408

Deuteranomaly

20.3589, 17.9877, 16.5863

Tritanomaly

23.8756, 18.0886, 15.5977

Monochromacy



Original Color

24.2727, 18.1299, 16.9720

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.6520, 18.2053, 19.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2727, 18.1299, 16.9720 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, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 110)  
}
```

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, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.2727, 18.1299, 16.9720 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, 94, 110) }
```


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

```
.border{ border-color:rgb(174, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2727, 18.1299, 16.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 110) }
```

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

```
.background{ background-color: rgb(174, 94,  
110) }
```

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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