

Converting Colors

XYZ(26.2498, 22.9075, 31.3123)

Have a look what the booklet for
XYZ(26.2498, 22.9075, 31.3123)
contains.

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Color

**XYZ(26.2418, 22.8720,
31.4654)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7895
RGB	158, 120, 149
RGB Percent	62%, 47%, 58%
CMY	0.3804, 0.5294, 0.4157
CMYK	0.00, 0.24, 0.06, 0.38
HSL	314°, 16%, 55%
HSV	314°, 24%, 62%
XYZ	26.2418, 22.8720, 31.4654
YIQ	134.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

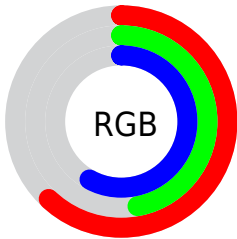
Format	Color
R _Y B	158, 120, 149
Decimal	10385557
CIE Lab	54.94, 19.80, -9.92
CIE LCh	55, 22.145, 333.398
Yxy	22.8720, 0.3257, 0.2838
Android (android.graphics.Color)	4288575637 (0xFF9E7895)
YUV	134.6680, 7.0657, 20.4622
Hunter-Lab	47.8247, 14.2512, -5.5315

Details

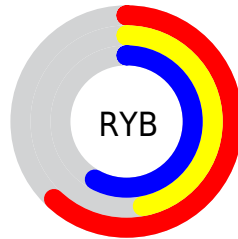
The XYZ color **26.2418, 22.8720, 31.4654** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9359, 30.0323, 25.3055**, and the grayscale version is **22.8780, 24.0695, 26.2116**.

A 20% lighter version of the original color is **53.1636, 48.3451, 63.0294**, and **10.4017, 8.4525, 12.6385** is the 20% darker color. If you saturate the color by 10%, you get **24.2023, 19.2632, 29.3352**, and if you desaturate by 10%, it is **28.6058, 27.1138, 33.7517**.

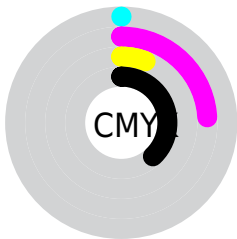
Distribution



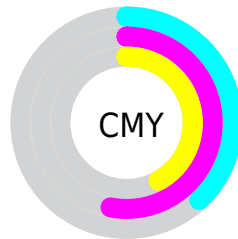
- Red (62%)
- Green (47%)
- Blue (58%)



- Red (62%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2418, 22.8720, 31.4654 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 26.2418, 22.8720, 31.4654 by changing the saturation by 10% instead.

■ 26.2418, 22.8720,
31.4654

■ 26.2418, 22.8720,
31.4654

276.2020,
267.0669, 323.0941

■ 17.1382, 14.4990,
20.6921

■ 53.0933, 48.1831,
63.0602

■ 10.4290, 8.4686,
12.7101

■ 71.5720, 65.8899,
84.7187

■ 5.7488, 4.3962,
7.1008

■ 93.9064, 87.4769,
110.8428

■ 2.7321, 1.8976,
3.4458

120.4619,
113.3284, 141.8508

■ 1.0137, 0.5469,
1.3265

151.6038,
143.8287, 178.1614

■ 0.0000, 0.0000,
0.0834

187.6976,

■ 0.0000, 0.0000,

179.3623, 220.1932

0.0000

229.1086,
220.3136, 268.3645

■ 26.2418, 22.8720,
31.4654

■ 26.2418, 22.8720,
31.4654

■ 24.2023, 19.2632,
29.3352

■ 28.6058, 27.1138,
33.7517

■ 22.4698, 16.2536,
27.3540

■ 31.3067, 32.0141,
36.1978

■ 21.0283, 13.8108,
25.5163

■ 34.3587, 37.6010,
38.8091

■ 19.8594, 11.8982,
23.8156

■ 37.7744, 43.8997,
41.5904

■ 18.9424, 10.4748,
22.2444

■ 41.5662, 50.9344,
44.5461

■ 18.2539, 9.4937,
20.7944

■ 45.7454, 58.7281,
47.6805

■ 17.7656, 8.8985,
19.4559

■ 50.3232, 67.3027,
50.9975

■ 17.5259, 8.6393,
18.6972

■ 55.3102, 76.6792,
54.5013

■ 58.3748, 82.1948,
57.4150

Harmonies

Analogous

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



24.4441, 22.8720, 37.9902



26.2418, 22.8720, 31.4654



26.8032, 22.8720, 24.1105

Triad

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



26.2418, 22.8720, 31.4654



21.4604, 22.8720, 13.6940



18.0295, 22.8720, 33.1165

Complementary

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



26.2418, 22.8720, 31.4654



23.9359, 30.0323, 25.3055

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.



17.3568, 22.8720, 25.7141



26.2418, 22.8720, 31.4654



19.2415, 22.8720, 15.2315

Square

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



26.2418, 22.8720, 31.4654



23.9235, 22.8720, 14.6610



17.7835, 22.8720, 19.3242



19.6920, 22.8720, 39.0626

Rectangle

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



26.2418, 22.8720, 31.4654



26.3685, 22.8720, 19.9089



17.7835, 22.8720, 19.3242



17.6860, 22.8720, 30.6710

Sweetspot

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



26.2425, 22.8730, 31.4659



55.2708, 55.2579, 64.3311



21.9221, 20.5595, 35.1609



12.3994, 12.3464, 14.4484



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.2425, 22.8730, 31.4659



45.5407, 37.7814, 54.9722



24.8560, 22.3184, 24.1650



6.8369, 6.7277, 7.9923



14.0522, 6.9254, 15.0575



0.2663, 0.1299, 0.3486

Inverse Universe

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



26.2425, 22.8730, 31.4659



45.5407, 37.7814, 54.9722



25.3081, 30.5812, 32.5312



6.8369, 6.7277, 7.9923



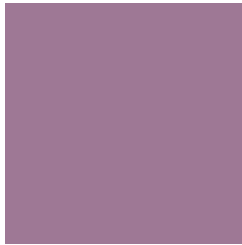
14.0522, 6.9254, 15.0575



0.2663, 0.1299, 0.3486

Previews

White Background



This preview shows how the XYZ color 26.2418, 22.8720, 31.4654 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 26.2418, 22.8720, 31.4654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

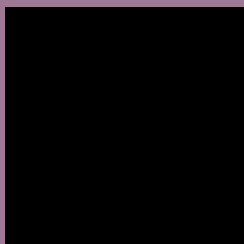
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2418, 22.8720, 31.4654

Background



This preview shows how black text looks on a background with the XYZ color 26.2418, 22.8720, 31.4654.



This preview shows how white text looks on a background with the XYZ color 26.2418, 22.8720,

31.4654.

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

26.2418, 22.8720, 31.4654

Protanopia

22.8694, 23.1449, 34.7146

Deuteranopia

23.3022, 22.8633, 30.7887



Tritanopia

24.9581, 22.8998, 24.9345

Trichromacy



Original Color

26.2418, 22.8720, 31.4654

Protanomaly

23.8204, 22.8819, 33.2982

Deuteranomaly

24.3560, 22.8251, 31.1390

Tritanomaly

25.4516, 22.9221, 27.1277

Monochromacy



Original Color

26.2418, 22.8720, 31.4654

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0439, 23.6984, 28.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2418, 22.8720, 31.4654 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(158, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 120, 149)  
}
```

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(158, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 120, 149) }
```

Border

The CSS property to change the border of an element to XYZ 26.2418, 22.8720, 31.4654 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(158, 120, 149) }
```


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

```
.border{ border-color:rgb(158, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 120,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2418, 22.8720, 31.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 120, 149) }
```

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

```
.background{ background-color: rgb(158,  
120, 149) }
```

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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