

Converting Colors

XYZ(25.1960, 22.9471, 31.4393)

Have a look what the booklet for
XYZ(25.1960, 22.9471, 31.4393)
contains.

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Color

**XYZ(25.0855, 22.8199,
31.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	967B95
RGB	150, 123, 149
RGB Percent	59%, 48%, 58%
CMY	0.4118, 0.5176, 0.4157
CMYK	0.00, 0.18, 0.01, 0.41
HSL	302°, 11%, 54%
HSV	302°, 18%, 59%
XYZ	25.0855, 22.8199, 31.5163
YIQ	134.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

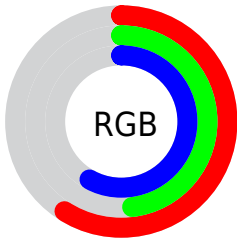
Format	Color
RYB	150, 123, 149
Decimal	9862037
CIELab	54.89, 15.18, -10.08
CIElCh	55, 18.222, 326.412
Yxy	22.8199, 0.3159, 0.2873
Android (android.graphics.Color)	4288052117 (0xFF967B95)
YUV	134.0370, 7.3768, 13.9996
Hunter-Lab	47.7702, 10.1377, -5.6774

Details

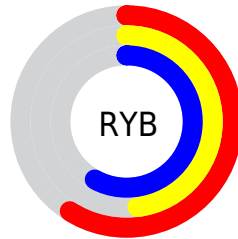
The XYZ color **25.0855, 22.8199, 31.5163** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7138, 27.4796, 23.1771**, and the grayscale version is **22.6459, 23.8253, 25.9457**.

A 20% lighter version of the original color is **51.2067, 48.1998, 63.1045**, and **9.7990, 8.4320, 12.6664** is the 20% darker color. If you saturate the color by 10%, you get **23.3214, 19.3622, 30.7101**, and if you desaturate by 10%, it is **27.1363, 26.8499, 32.4197**.

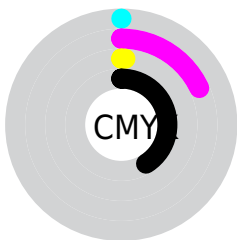
Distribution



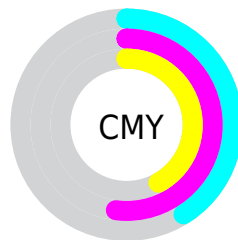
- Red (59%)
- Green (48%)
- Blue (58%)



- Red (59%)
- Yellow (48%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0855, 22.8199, 31.5163 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 25.0855, 22.8199, 31.5163 by changing the saturation by 10% instead.

■ 25.0855, 22.8199,
31.5163

■ 25.0855, 22.8199,
31.5163

270.6033,
266.7986, 323.3345

■ 16.2698, 14.4606,
20.7306

■ 51.2378, 48.0974,
63.1411

■ 9.8074, 8.4417,
12.7379

■ 69.3051, 65.7844,
84.8172

■ 5.3327, 4.3789,
7.1197

■ 91.1871, 87.3495,
110.9606

■ 2.4805, 1.8877,
3.4575

117.2490,
113.1769, 141.9897

■ 0.8854, 0.5409,
1.3327

147.8562,
143.6511, 178.3231

■ 0.0000, 0.0000,
0.0884

183.3741,

■ 0.0000, 0.0000,

179.1566, 220.3793

0.0000

224.1680,
220.0776, 268.5769

■ 25.0855, 22.8199,
31.5163

■ 25.0855, 22.8199,
31.5163

■ 23.3214, 19.3622,
30.7101

■ 27.1363, 26.8499,
32.4197

■ 21.8291, 16.4480,
29.9952

■ 29.4838, 31.4735,
33.4227

■ 20.5952, 14.0504,
29.3676

■ 32.1403, 36.7145,
34.5298

■ 19.6046, 12.1391,
28.8220

■ 35.1164, 42.5944,
35.7445

■ 18.8405, 10.6805,
28.3531

■ 38.4224, 49.1340,
37.0702

■ 18.2842, 9.6369,
27.9544

■ 42.0683, 56.3528,
38.5102

■ 17.9136, 8.9646,
27.6186

■ 46.0634, 64.2697,
40.0677

■ 17.6870, 8.5799,
27.3319

■ 50.4167, 72.9028,
41.7456

■ 17.6459, 8.5113,
27.2761

■ 54.1709, 80.3374,
43.2250

Harmonies

Analogous

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



23.4620, 22.8199, 36.1888



25.0855, 22.8199, 31.5163



25.7976, 22.8199, 25.5491

Triad

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



25.0855, 22.8199, 31.5163



21.9334, 22.8199, 15.3238



18.3965, 22.8199, 30.1256

Complementary

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



25.0855, 22.8199, 31.5163



22.7138, 27.4796, 23.1771

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.



18.0427, 22.8199, 24.1579



25.0855, 22.8199, 31.5163



20.0089, 22.8199, 16.1634

Square

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



25.0855, 22.8199, 31.5163



23.9080, 22.8199, 16.6913



18.6150, 22.8199, 19.1919



19.6129, 22.8199, 35.3024

Rectangle

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



25.0855, 22.8199, 31.5163



25.6291, 22.8199, 21.8374



18.6150, 22.8199, 19.1919



18.1761, 22.8199, 28.1211

Sweetspot

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



25.0862, 22.8209, 31.5168



49.0351, 49.6396, 57.7073



20.8867, 20.6467, 31.7391



10.8105, 10.8900, 12.7645



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.



25.0862, 22.8209, 31.5168



42.8287, 37.4445, 54.9673



24.0770, 22.4172, 26.2027



6.0261, 5.9055, 7.2437



14.6375, 7.0601, 22.6359



0.1815, 0.0873, 0.2893

Inverse Universe

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



25.0862, 22.8209, 31.5168



42.8287, 37.4445, 54.9673



23.6197, 27.8420, 27.9477



6.0261, 5.9055, 7.2437



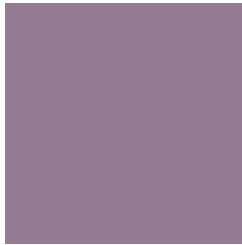
14.6375, 7.0601, 22.6359



0.1815, 0.0873, 0.2893

Previews

White Background



This preview shows how the XYZ color 25.0855, 22.8199, 31.5163 looks on a white background.

Color Contrast Check

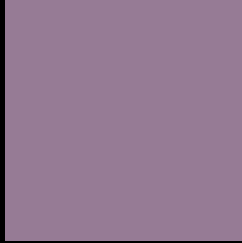
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0855, 22.8199, 31.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

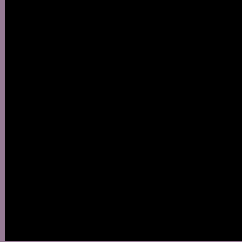
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0855, 22.8199, 31.5163

Background



This preview shows how black text looks on a background with the XYZ color 25.0855, 22.8199, 31.5163.



This preview shows how white text looks on a background with the XYZ color 25.0855, 22.8199,

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

25.0855, 22.8199, 31.5163

Protanopia

22.5678, 22.8104, 33.7852

Deuteranopia

23.3810, 22.8948, 31.2038



Tritanopia

23.9195, 22.7124, 26.0449

Trichromacy



Original Color

25.0855, 22.8199, 31.5163

Protanomaly

23.2485, 22.5966, 32.8420

Deuteranomaly

23.9615, 22.8106, 31.1570

Tritanomaly

24.3357, 22.6983, 27.9095

Monochromacy



Original Color

25.0855, 22.8199, 31.5163

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4580, 23.4048, 27.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0855, 22.8199, 31.5163 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(150, 123, 149)` looks like.

```
.text, #text, p{  
    color:rgb(150, 123, 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(150, 123, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 123, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.0855, 22.8199, 31.5163 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(150, 123, 149) }
```


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

```
.border{ border-color:rgb(150, 123, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 123, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 123, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 123, 149); box-shadow:4px 4px 4px 4px rgb(150, 123, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0855, 22.8199, 31.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 123, 149) }
```

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

```
.background{ background-color: rgb(150,  
123, 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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