

Converting Colors

XYZ(27.8073, 24.5051, 27.2033)

Have a look what the booklet for
XYZ(27.8073, 24.5051, 27.2033)
contains.

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Color

**XYZ(27.7314, 24.4658,
27.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	A77C8A
RGB	167, 124, 138
RGB Percent	65%, 49%, 54%
CMY	0.3451, 0.5137, 0.4588
CMYK	0.00, 0.26, 0.17, 0.35
HSL	340°, 20%, 57%
HSV	340°, 26%, 65%
XYZ	27.7314, 24.4658, 27.3055
YIQ	138.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

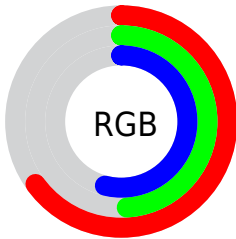
Format	Color
R _Y B	167, 124, 138
Decimal	10976394
CIE Lab	56.55, 18.90, -1.03
CIE LCh	57, 18.933, 356.868
Yxy	24.4658, 0.3488, 0.3077
Android (android.graphics.Color)	4289166474 (0xFFA77C8A)
YUV	138.4530, -0.2233, 25.0357
Hunter-Lab	49.4629, 13.5160, 1.8936

Details

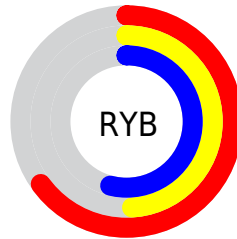
The XYZ color **27.7314, 24.4658, 27.3055** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8816, 34.2229, 35.2748**, and the grayscale version is **24.3263, 25.5932, 27.8710**.

A 20% lighter version of the original color is **55.5575, 50.8938, 56.1855**, and **11.2170, 9.3141, 10.4391** is the 20% darker color. If you saturate the color by 10%, you get **25.0395, 20.3199, 22.5914**, and if you desaturate by 10%, it is **30.8637, 29.3566, 32.5843**.

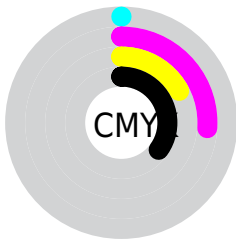
Distribution



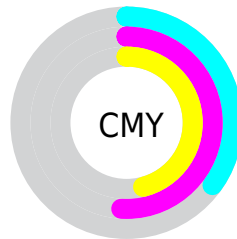
- Red (65%)
- Green (49%)
- Blue (54%)



- Red (65%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7314, 24.4658, 27.3055 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 27.7314, 24.4658, 27.3055 by changing the saturation by 10% instead.

 27.7314, 24.4658,
27.3055


 27.7314, 24.4658,
27.3055


283.2846,
275.1670, 302.9401


 18.2627, 15.6795,
17.5683


 55.4670, 50.7893,
56.3834

 11.2396, 9.2977,
10.4743


 74.4646, 69.0952,
76.5612

 6.2967, 4.9358,
5.6049


 97.3691, 91.3432,
101.0563

 3.0687, 2.2097,
2.5415

124.5461,
117.9176, 130.2872

 1.1902, 0.7253,
0.8620

156.3608,
149.2027, 164.6725

 0.0986, 0.0000,
0.0000

193.1785,

 0.0000, 0.0000,

185.5831, 204.6308

0.0000

235.3647,
227.4431, 250.5804

■ 27.7314, 24.4658,
27.3055

■ 27.7314, 24.4658,
27.3055

■ 25.0395, 20.3199,
22.5914

■ 30.8637, 29.3566,
32.5843

■ 22.7656, 16.8789,
18.4210

■ 34.4534, 35.0231,
38.4447

■ 20.8881, 14.1041,
14.7741

■ 38.5190, 41.4986,
44.9048

■ 19.3830, 11.9514,
11.6287

■ 43.0776, 48.8131,
51.9815

■ 18.2232, 10.3717,
8.9609

■ 48.1451, 56.9954,
59.6908

■ 17.3778, 9.3082,
6.7447

■ 53.7370, 66.0728,
68.0482

■ 16.8069, 8.6871,
4.9498

■ 59.8678, 76.0714,
77.0689

■ 16.6108, 8.4853,
4.2973

■ 65.7153, 85.3431,
86.4883

■ 67.3317, 85.9896,
95.0001

Harmonies

Analogous

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



26.9733, 24.4658, 33.8125



27.7314, 24.4658, 27.3055



27.2288, 24.4658, 21.5379

Triad

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



27.7314, 24.4658, 27.3055



21.3970, 24.4658, 17.2401



21.0210, 24.4658, 38.1067

Complementary

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



27.7314, 24.4658, 27.3055



27.8816, 34.2229, 35.2748

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.



19.6861, 24.4658, 32.4882



27.7314, 24.4658, 27.3055



19.8934, 24.4658, 20.5596

Square

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



27.7314, 24.4658, 27.3055



23.4855, 24.4658, 16.2945



19.2865, 24.4658, 25.9836



23.0240, 24.4658, 40.6345

Rectangle

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



27.7314, 24.4658, 27.3055



26.2628, 24.4658, 18.7508



19.2865, 24.4658, 25.9836



20.4843, 24.4658, 36.4776

Sweetspot

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



27.7321, 24.4669, 27.3060



60.0849, 60.1596, 66.2374



27.2576, 23.9465, 39.7448



13.2299, 13.1211, 14.4720



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.



27.7321, 24.4669, 27.3060



46.7687, 39.3419, 43.8724



27.7140, 25.9493, 22.6183



7.6280, 7.5811, 8.3585



12.7312, 6.5012, 3.3960



0.3331, 0.1675, 0.2055

Inverse Universe

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



27.7321, 24.4669, 27.3060



46.7687, 39.3419, 43.8724



27.8300, 32.1596, 41.2999



7.6280, 7.5811, 8.3585



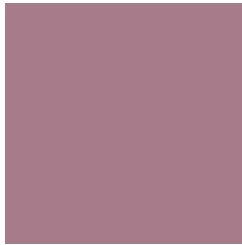
12.7312, 6.5012, 3.3960



0.3331, 0.1675, 0.2055

Previews

White Background



This preview shows how the XYZ color 27.7314, 24.4658, 27.3055 looks on a white background.

Color Contrast Check

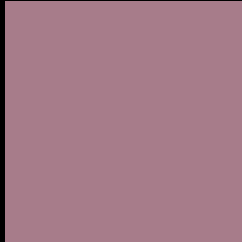
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7314, 24.4658, 27.3055 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 27.7314, 24.4658, 27.3055

Background



This preview shows how black text looks on a background with the XYZ color 27.7314, 24.4658, 27.3055.



This preview shows how white text looks on a background with the XYZ color 27.7314, 24.4658,

27.3055.

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

27.7314, 24.4658, 27.3055

Protanopia

23.9282, 24.6065, 30.2764

Deuteranopia

25.1610, 24.6982, 27.1080



Tritanopia

27.5730, 24.6040, 25.8500

Trichromacy



Original Color

27.7314, 24.4658, 27.3055

Protanomaly

25.0314, 24.3886, 28.9794

Deuteranomaly

26.0759, 24.5746, 27.0359

Tritanomaly

27.6431, 24.6320, 26.2192

Monochromacy



Original Color

27.7314, 24.4658, 27.3055

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3694, 24.9996, 27.5330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7314, 24.4658, 27.3055 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(167, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 138)  
}
```

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(167, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.7314, 24.4658, 27.3055 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(167, 124, 138) }
```


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

```
.border{ border-color:rgb(167, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7314, 24.4658, 27.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 138) }
```

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

```
.background{ background-color: rgb(167,  
124, 138) }
```

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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