

Converting Colors

XYZ(27.2884, 24.2586, 27.5888)

Have a look what the booklet for
XYZ(27.2884, 24.2586, 27.5888)
contains.

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Color

**XYZ(27.3849, 24.2787,
27.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	A57C8B
RGB	165, 124, 139
RGB Percent	65%, 49%, 55%
CMY	0.3529, 0.5137, 0.4549
CMYK	0.00, 0.25, 0.16, 0.35
HSL	338°, 19%, 57%
HSV	338°, 25%, 65%
XYZ	27.3849, 24.2787, 27.6690
YIQ	137.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

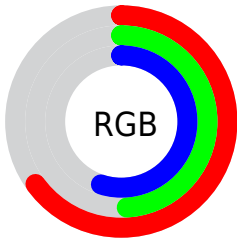
Format	Color
R _Y B	165, 124, 139
Decimal	10845323
CIE Lab	56.37, 18.32, -1.91
CIE LCh	56, 18.416, 354.043
Yxy	24.2787, 0.3452, 0.3060
Android (android.graphics.Color)	4289035403 (0xFFA57C8B)
YUV	137.9690, 0.5083, 23.7062
Hunter-Lab	49.2734, 12.9772, 1.1977

Details

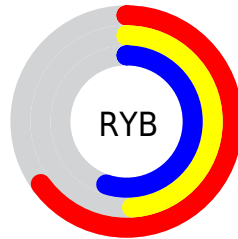
The XYZ color **27.3849, 24.2787, 27.6690** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2733, 33.3980, 33.8648**, and the grayscale version is **24.1391, 25.3962, 27.6565**.

A 20% lighter version of the original color is **55.0554, 50.6222, 56.7385**, and **11.0013, 9.1982, 10.6468** is the 20% darker color. If you saturate the color by 10%, you get **24.7593, 20.1929, 23.2004**, and if you desaturate by 10%, it is **30.4311, 29.0880, 32.6395**.

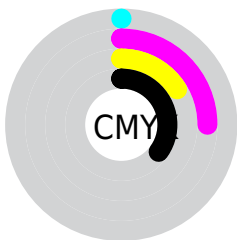
Distribution



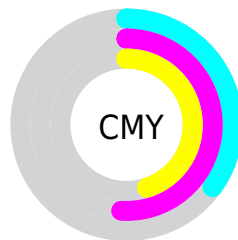
- Red (65%)
- Green (49%)
- Blue (55%)



- Red (65%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3849, 24.2787, 27.6690 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 27.3849, 24.2787, 27.6690 by changing the saturation by 10% instead.


 27.3849, 24.2787,
27.6690


 27.3849, 24.2787,
27.6690


281.6496,
274.2265, 304.7439


 18.0006, 15.5405,
17.8394


 54.9164, 50.4846,
56.9723

 11.0501, 9.1996,
10.6665


 73.7944, 68.7211,
77.2831

 6.1681, 4.8716,
5.7317


 96.5675, 90.8925,
101.9247

 2.9892, 2.1721,
2.6165

123.6013,
117.3832, 131.3156

 1.1480, 0.7047,
0.9010

155.2611,
148.5775, 165.8745

 0.0647, 0.0000,
0.0000

191.9121,

 0.0000, 0.0000,

184.8599, 206.0198

0.0000

233.9199,
226.6148, 252.1701

■ 27.3849, 24.2787,
27.6690

■ 27.3849, 24.2787,
27.6690

■ 24.7593, 20.1929,
23.2004

■ 30.4311, 29.0880,
32.6395

■ 22.5329, 16.7920,
19.2157

■ 33.9138, 34.6503,
38.1260

■ 20.6857, 14.0389,
15.6978


■ 37.8506, 40.9975,
44.1440

■ 19.1948, 11.8916,
12.6281


■ 42.2574, 48.1585,
50.7079


■ 18.0349, 10.3032,
9.9865


■ 47.1495, 56.1610,
57.8313


 17.1769, 9.2196,
7.7511


 52.5414, 65.0312,
65.5275

 16.5855, 8.5744,
5.8968

 58.4469, 74.7943,
73.8094

 16.3423, 8.3294,
5.0712

 64.5580, 84.8317,
82.5821

 66.0107, 85.4128,
90.2320

Harmonies

Analogous

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



26.5454, 24.2787, 33.9219



27.3849, 24.2787, 27.6690



27.0138, 24.2787, 21.9472

Triad

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



27.3849, 24.2787, 27.6690



21.4506, 24.2787, 17.1213



20.7584, 24.2787, 37.0881

Complementary

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



27.3849, 24.2787, 27.6690



27.2733, 33.3980, 33.8648

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.



19.5410, 24.2787, 31.4972



27.3849, 24.2787, 27.6690



19.9232, 24.2787, 20.1404

Square

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



27.3849, 24.2787, 27.6690



23.5030, 24.2787, 16.4182



19.2449, 24.2787, 25.2390



22.6546, 24.2787, 39.8711

Rectangle

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



27.3849, 24.2787, 27.6690



26.1407, 24.2787, 19.1039



19.2449, 24.2787, 25.2390



20.2610, 24.2787, 35.4370

Sweetspot

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



27.3856, 24.2798, 27.6695



59.2430, 59.6608, 65.9554



26.5716, 23.6140, 38.7551



12.8748, 12.9200, 14.2990



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.3856, 24.2798, 27.6695



46.2729, 39.1543, 44.8809



27.0679, 25.2794, 22.5229



7.1759, 7.1268, 7.9126



12.3854, 6.3102, 3.9539



0.2824, 0.1415, 0.1999

Inverse Universe

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



27.3856, 24.2798, 27.6695



46.2729, 39.1543, 44.8809



27.5946, 31.9825, 40.3165



7.1759, 7.1268, 7.9126



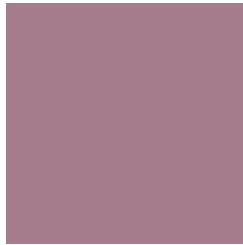
12.3854, 6.3102, 3.9539



0.2824, 0.1415, 0.1999

Previews

White Background



This preview shows how the XYZ color 27.3849, 24.2787, 27.6690 looks on a white background.

Color Contrast Check

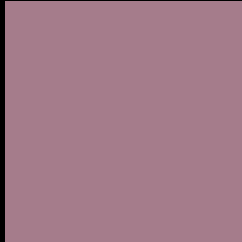
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3849, 24.2787, 27.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

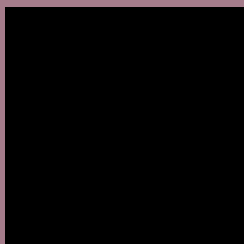
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3849, 24.2787, 27.6690

Background



This preview shows how black text looks on a background with the XYZ color 27.3849, 24.2787, 27.6690.



This preview shows how white text looks on a background with the XYZ color 27.3849, 24.2787,

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

27.3849, 24.2787, 27.6690

Protanopia

23.7665, 24.5232, 30.2689

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

26.9465, 24.2810, 25.8207

Trichromacy



Original Color

27.3849, 24.2787, 27.6690

Protanomaly

24.9283, 24.3268, 29.3683

Deuteranomaly

25.6330, 24.1433, 27.3539

Tritanomaly

27.0874, 24.3373, 26.5625

Monochromacy



Original Color

27.3849, 24.2787, 27.6690

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1877, 24.9059, 27.5245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3849, 24.2787, 27.6690 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(165, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 139)  
}
```

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(165, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.3849, 24.2787, 27.6690 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(165, 124, 139) }
```


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

```
.border{ border-color:rgb(165, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3849, 24.2787, 27.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 139) }
```

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

```
.background{ background-color: rgb(165,  
124, 139) }
```

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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