

Converting Colors

XYZ(27.7962, 24.2408, 34.8702)

Have a look what the booklet for
XYZ(27.7962, 24.2408, 34.8702)
contains.

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Color

**XYZ(27.9063, 24.3927,
34.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	A17C9C
RGB	161, 124, 156
RGB Percent	63%, 49%, 61%
CMY	0.3686, 0.5137, 0.3882
CMYK	0.00, 0.23, 0.03, 0.37
HSL	308°, 16%, 56%
HSV	308°, 23%, 63%
XYZ	27.9063, 24.3927, 34.6899
YIQ	138.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

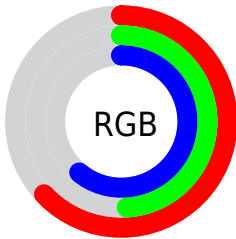
Format	Color
R _Y B	161, 124, 156
Decimal	10583196
CIE Lab	56.48, 19.91, -11.63
CIE LCh	56, 23.062, 329.703
Yxy	24.3927, 0.3208, 0.2804
Android (android.graphics.Color)	4288773276 (0xFFA17C9C)
YUV	138.7110, 8.5235, 19.5475
Hunter-Lab	49.3890, 14.4274, -7.0719

Details

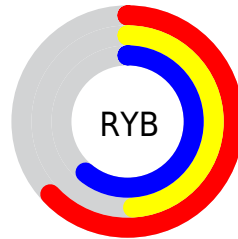
The XYZ color **27.9063, 24.3927, 34.6899** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.0205, 31.3604, 25.5047**, and the grayscale version is **24.3953, 25.6658, 27.9500**.

A 20% lighter version of the original color is **55.7989, 50.7464, 68.4821**, and **11.3726, 9.3033, 14.5609** is the 20% darker color. If you saturate the color by 10%, you get **25.8687, 20.6093, 33.1100**, and if you desaturate by 10%, it is **30.2781, 28.8384, 36.3980**.

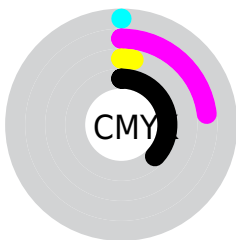
Distribution



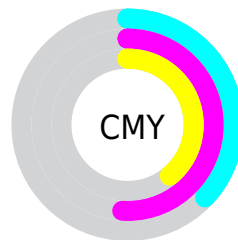
- Red (63%)
- Green (49%)
- Blue (61%)



- Red (63%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (37%)



- Cyan (37%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9063, 24.3927, 34.6899 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 27.9063, 24.3927, 34.6899 by changing the saturation by 10% instead.

■ 27.9063, 24.3927,
34.6899

■ 27.9063, 24.3927,
34.6899

284.1071,
274.7999, 338.0600

■ 18.3951, 15.6252,
23.1425

■ 55.7445, 50.6703,
68.1512

■ 11.3354, 9.2593,
14.4924

■ 74.8022, 68.9491,
90.9022

■ 6.3619, 4.9107,
8.3213

■ 97.7729, 91.1672,
118.2247

■ 3.1091, 2.1950,
4.2105

125.0218,
117.7089, 150.5373

■ 1.2117, 0.7172,
1.7415

156.9143,
148.9586, 188.2587

■ 0.1156, 0.0000,
0.3890

193.8158,

■ 0.0000, 0.0000,

185.3008, 231.8072

0.0000

236.0916,
227.1197, 281.6015

■ 27.9063, 24.3927,
34.6899

■ 27.9063, 24.3927,
34.6899

■ 25.8687, 20.6093,
33.1100

■ 30.2781, 28.8384,
36.3980

■ 24.1470, 17.4530,
31.6514

■ 32.9969, 33.9731,
38.2379

■ 22.7248, 14.8904,
30.3087

■ 36.0772, 39.8256,
40.2148

■ 21.5831, 12.8834,
29.0755

■ 39.5324, 46.4224,
42.3331

■ 20.7006, 11.3898,
27.9446

■ 43.3750, 53.7886,
44.5972

■ 20.0531, 10.3612,
26.9080

■ 47.6169, 61.9480,
47.0111

■ 19.6119, 9.7397,
25.9559

■ 52.2695, 70.9236,
49.5786

■ 19.3760, 9.4483,
25.3215

■ 57.3440, 80.7373,
52.3037

■ 58.2534, 82.2152,
53.6573

Harmonies

Analogous

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



25.8229, 24.3927, 41.4890



27.9063, 24.3927, 34.6899



28.7073, 24.3927, 26.6358

Triad

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



27.9063, 24.3927, 34.6899



23.2112, 24.3927, 14.4017



19.0046, 24.3927, 34.5323

Complementary

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



27.9063, 24.3927, 34.6899



25.0205, 31.3604, 25.5047

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.



18.4198, 24.3927, 26.4833



27.9063, 24.3927, 34.6899



20.7323, 24.3927, 15.7250

Square

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



27.9063, 24.3927, 34.6899



25.8724, 24.3927, 15.7788



19.0279, 24.3927, 19.8104



20.6895, 24.3927, 41.3864

Rectangle

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



27.9063, 24.3927, 34.6899



28.3621, 24.3927, 21.9040



19.0279, 24.3927, 19.8104



18.6788, 24.3927, 31.8320

Sweetspot

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



27.9070, 24.3938, 34.6904



56.9952, 56.8709, 67.0828



22.6849, 21.6517, 36.7021



12.4421, 12.3635, 14.6733



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.



27.9070, 24.3938, 34.6904



47.8821, 39.7851, 60.5297



26.4626, 23.8160, 27.0839



7.3230, 7.1856, 8.6871



15.4858, 7.5504, 20.2808



0.3360, 0.1629, 0.4822

Inverse Universe

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



27.9070, 24.3938, 34.6904



47.8821, 39.7851, 60.5297



26.3584, 31.8956, 32.5504



7.3230, 7.1856, 8.6871



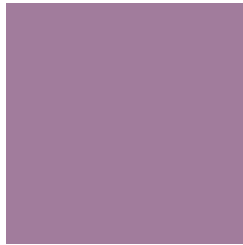
15.4858, 7.5504, 20.2808



0.3360, 0.1629, 0.4822

Previews

White Background



This preview shows how the XYZ color 27.9063, 24.3927, 34.6899 looks on a white background.

Color Contrast Check

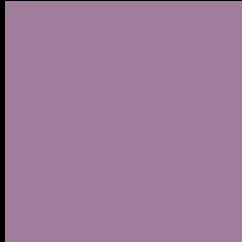
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9063, 24.3927, 34.6899 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 27.9063, 24.3927, 34.6899

Background



This preview shows how black text looks on a background with the XYZ color 27.9063, 24.3927, 34.6899.



This preview shows how white text looks on a background with the XYZ color 27.9063, 24.3927,

34.6899.

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

27.9063, 24.3927, 34.6899

Protanopia

24.3419, 24.4404, 38.0848

Deuteranopia

24.8992, 24.4111, 33.9713



Tritanopia

26.2053, 24.2540, 26.9672

Trichromacy



Original Color

27.9063, 24.3927, 34.6899

Protanomaly

25.3123, 24.1660, 36.5881

Deuteranomaly

25.9794, 24.3630, 34.3436

Tritanomaly

26.7930, 24.3063, 29.6650

Monochromacy



Original Color

27.9063, 24.3927, 34.6899

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6686, 25.2976, 30.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9063, 24.3927, 34.6899 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(161, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(161, 124, 156)  
}
```

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(161, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 124, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.9063, 24.3927, 34.6899 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(161, 124, 156) }
```


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

```
.border{ border-color:rgb(161, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(161, 124,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9063, 24.3927, 34.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 124, 156) }
```

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

```
.background{ background-color: rgb(161,  
124, 156) }
```

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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