

Converting Colors

XYZ(27.3376, 24.0100, 27.4291)

Have a look what the booklet for
XYZ(27.3376, 24.0100, 27.4291)
contains.

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Color

**XYZ(27.4690, 24.1370,
27.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	A67B8B
RGB	166, 123, 139
RGB Percent	65%, 48%, 55%
CMY	0.3490, 0.5176, 0.4549
CMYK	0.00, 0.26, 0.16, 0.35
HSL	338°, 19%, 57%
HSV	338°, 26%, 65%
XYZ	27.4690, 24.1370, 27.6372
YIQ	137.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

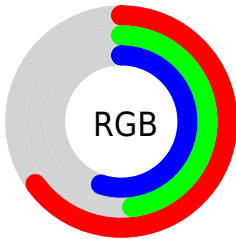
Format	Color
R_{YB}	166, 123, 139
Decimal	10910603
CIE _{Lab}	56.22, 19.26, -2.11
CIE _{LCh}	56, 19.378, 353.761
Yxy	24.1370, 0.3466, 0.3046
Android (android.graphics.Color)	4289100683 (0xFFA67B8B)
YUV	137.6810, 0.6503, 24.8358
Hunter-Lab	49.1294, 13.8256, 1.0377

Details

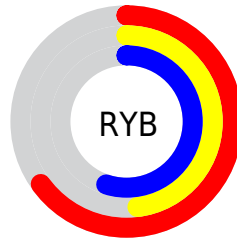
The XYZ color **27.4690, 24.1370, 27.6372** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.3106, 33.6859, 33.9184**, and the grayscale version is **24.0287, 25.2801, 27.5300**.

A 20% lighter version of the original color is **55.1640, 50.3860, 56.6872**, and **11.0620, 9.1295, 10.6303** is the 20% darker color. If you saturate the color by 10%, you get **24.8561, 20.0724, 23.1860**, and if you desaturate by 10%, it is **30.5051, 28.9313, 32.5884**.

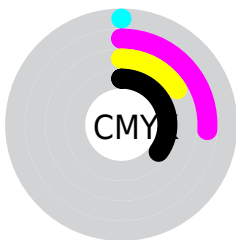
Distribution



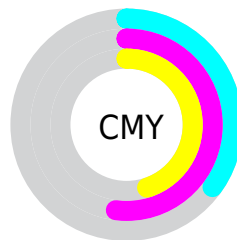
- Red (65%)
- Green (48%)
- Blue (55%)



- Red (65%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4690, 24.1370, 27.6372 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 27.4690, 24.1370, 27.6372 by changing the saturation by 10% instead.

 27.4690, 24.1370,
27.6372


 27.4690, 24.1370,
27.6372


282.0471,
273.5124, 304.5864


 18.0642, 15.4353,
17.8157


 55.0501, 50.2537,
56.9208

 11.0960, 9.1254,
10.6497


 73.9572, 68.4374,
77.2200

 6.1992, 4.8231,
5.7206


 96.7623, 90.5506,
101.8488

 3.0084, 2.1438,
2.6099

123.8309,
116.9777, 131.2258

 1.1582, 0.6891,
0.8976

155.5284,
148.1030, 165.7695

 0.0730, 0.0000,
0.0000

192.2200,

 0.0000, 0.0000,

184.3109, 205.8985

0.0000

234.2711,
225.9859, 252.0313

■ 27.4690, 24.1370,
27.6372

■ 27.4690, 24.1370,
27.6372

■ 24.8561, 20.0724,
23.1860

■ 30.5051, 28.9313,
32.5884

■ 22.6447, 16.6980,
19.2167

■ 33.9807, 34.4854,
38.0538

■ 20.8143, 13.9759,
15.7123

■ 37.9136, 40.8318,
44.0488

■ 19.3415, 11.8630,
12.6542

■ 42.3201, 48.0002,
50.5877

■ 18.2003, 10.3111,
10.0222

■ 47.2156, 56.0187,
57.6842

■ 17.3609, 9.2642,
7.7941

■ 52.6149, 64.9140,
65.3517

■ 16.7841, 8.6485,
5.9440

■ 58.5321, 74.7117,
73.6028

■ 16.5889, 8.4522,
5.2800

■ 64.7235, 84.9221,
82.3642

■ 66.1678, 85.4998,
89.9697

Harmonies

Analogous

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



26.5731, 24.1370, 34.2216



27.4690, 24.1370, 27.6372



27.0899, 24.1370, 21.6412

Triad

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



27.4690, 24.1370, 27.6372



21.2584, 24.1370, 16.5755



20.5010, 24.1370, 37.4705

Complementary

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



27.4690, 24.1370, 27.6372



27.3106, 33.6859, 33.9184

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.



19.2398, 24.1370, 31.5408



27.4690, 24.1370, 27.6372



19.6568, 24.1370, 19.6749

Square

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



27.4690, 24.1370, 27.6372



23.4102, 24.1370, 15.8742



18.9410, 24.1370, 24.9701



22.4790, 24.1370, 40.4612

Rectangle

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



27.4690, 24.1370, 27.6372



26.1767, 24.1370, 18.6759



18.9410, 24.1370, 24.9701



19.9845, 24.1370, 35.7129

Sweetspot

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



27.4697, 24.1381, 27.6377



60.1826, 60.1987, 66.7517



26.4557, 23.3586, 39.1908



13.2554, 13.1312, 14.6060



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.



27.4697, 24.1381, 27.6377



47.0712, 39.4629, 45.4655



27.0232, 24.9809, 22.1378



7.6422, 7.5867, 8.4331



12.8849, 6.5627, 4.2053



0.3383, 0.1696, 0.2329

Inverse Universe

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



27.4697, 24.1381, 27.6377



47.0712, 39.4629, 45.4655



27.7940, 32.4486, 40.8748



7.6422, 7.5867, 8.4331



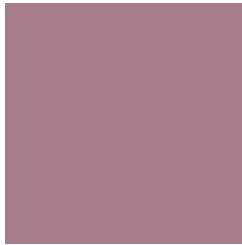
12.8849, 6.5627, 4.2053



0.3383, 0.1696, 0.2329

Previews

White Background



This preview shows how the XYZ color 27.4690, 24.1370, 27.6372 looks on a white background.

Color Contrast Check

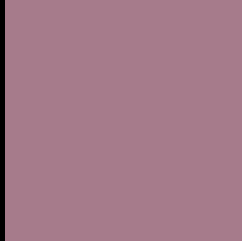
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4690, 24.1370, 27.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

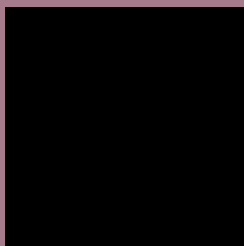
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4690, 24.1370, 27.6372

Background



This preview shows how black text looks on a background with the XYZ color 27.4690, 24.1370, 27.6372.



This preview shows how white text looks on a background with the XYZ color 27.4690, 24.1370,

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

27.4690, 24.1370, 27.6372

Protanopia

23.5449, 24.1938, 30.6231

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

26.9583, 24.1081, 25.4228

Trichromacy



Original Color

27.4690, 24.1370, 27.6372

Protanomaly

24.7946, 24.0594, 29.3237

Deuteranomaly

25.6330, 24.1433, 27.3539

Tritanomaly

27.0979, 24.1639, 26.1576

Monochromacy



Original Color

27.4690, 24.1370, 27.6372

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 27.4690, 24.1370, 27.6372 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(166, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 123, 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(166, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 123, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.4690, 24.1370, 27.6372 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(166, 123, 139) }
```


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

```
.border{ border-color:rgb(166, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 123,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4690, 24.1370, 27.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 123, 139) }
```

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

```
.background{ background-color: rgb(166,  
123, 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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