

Converting Colors

XYZ(27.3414, 24.7254, 18.8667)

Have a look what the booklet for
XYZ(27.3414, 24.7254, 18.8667)
contains.

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Color

**XYZ(27.3275, 24.6301,
18.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7D71
RGB	172, 125, 113
RGB Percent	67%, 49%, 44%
CMY	0.3255, 0.5098, 0.5569
CMYK	0.00, 0.27, 0.34, 0.33
HSL	12°, 26%, 56%
HSV	12°, 34%, 67%
XYZ	27.3275, 24.6301, 18.9366
YIQ	137.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

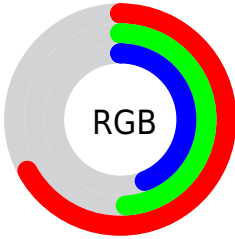
Format	Color
RYB	172, 128, 113
Decimal	11304305
CIELab	56.71, 16.59, 13.73
CIElCh	57, 21.533, 39.614
Yxy	24.6301, 0.3855, 0.3474
Android (android.graphics.Color)	4289494385 (0xFFAC7D71)
YUV	137.6850, -12.1697, 30.0943
Hunter-Lab	49.6287, 11.4388, 12.1171

Details

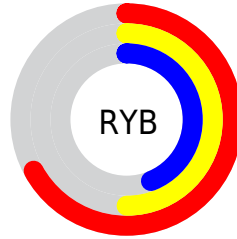
The XYZ color **27.3275, 24.6301, 18.9366** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8269, 31.6299, 43.7210**, and the grayscale version is **24.0744, 25.3281, 27.5823**.

A 20% lighter version of the original color is **55.0250, 51.2154, 42.5827**, and **11.0098, 9.4021, 6.2355** is the 20% darker color. If you saturate the color by 10%, you get **24.8331, 21.0468, 13.7720**, and if you desaturate by 10%, it is **30.2460, 28.7677, 25.1486**.

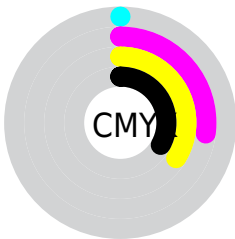
Distribution



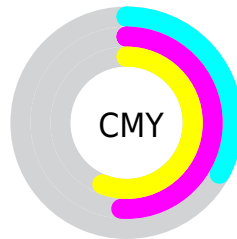
- Red (67%)
- Green (49%)
- Blue (44%)



- Red (67%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3275, 24.6301, 18.9366 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 27.3275, 24.6301, 18.9366 by changing the saturation by 10% instead.

■ 27.3275, 24.6301,
18.9366

■ 27.3275, 24.6301,
18.9366

281.3781,
275.9908, 258.5096

■ 17.9572, 15.8017,
11.4481

■ 54.8251, 51.0565,
42.4622

■ 11.0188, 9.3839,
6.2512

■ 73.6832, 69.4233,
59.3364

■ 6.1468, 4.9924,
2.9271

■ 96.4345, 91.7383,
80.1763

■ 2.9761, 2.2428,
1.0576

■ 123.4445,
118.3859, 105.4004

■ 1.1411, 0.7432,
0.0000

155.0785,
149.7506, 135.4272

■ 0.0591, 0.0000,
0.0000

191.7019,

■ 0.0000, 0.0000,

186.2167, 170.6753

0.0000

233.6799,
228.1686, 211.5633

■ 27.3275, 24.6301,
18.9366

■ 27.3275, 24.6301,
18.9366

■ 24.8331, 21.0468,
13.7720

■ 30.2460, 28.7677,
25.1486

■ 22.7407, 17.9906,
9.5952

■ 33.6055, 33.4783,
32.4599

■ 21.0292, 15.4374,
6.3431


■ 37.4241, 38.7840,
40.9209

■ 19.6745, 13.3596,
3.9444


■ 41.7186, 44.7046,
50.5784


■ 18.6497, 11.7269,
2.3176


■ 46.5047, 51.2592,
61.4765

 17.9236, 10.5054,
1.3645

 51.7974, 58.4658,
73.6573

 17.6141, 9.9723,
0.9965

 57.6112, 66.3419,
87.1605

 63.9599, 74.9042,
102.0245

 68.7263, 83.3168,
107.0672

Harmonies

Analogous

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



28.4971, 24.6301, 24.5757



27.3275, 24.6301, 18.9366



25.1315, 24.6301, 15.8382

Triad

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



27.3275, 24.6301, 18.9366



19.1722, 24.6301, 22.2865



24.2253, 24.6301, 42.8805

Complementary

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



27.3275, 24.6301, 18.9366



26.8269, 31.6299, 43.7210

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.



21.7693, 24.6301, 41.9689



27.3275, 24.6301, 18.9366



18.9677, 24.6301, 29.1927

Square

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



27.3275, 24.6301, 18.9366



20.4664, 24.6301, 17.5189



19.8863, 24.6301, 36.6293



26.6235, 24.6301, 38.9343

Rectangle

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



27.3275, 24.6301, 18.9366



23.4427, 24.6301, 15.2369



19.8863, 24.6301, 36.6293



23.3777, 24.6301, 43.1460

Sweetspot

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



27.3281, 24.6313, 18.9371



63.7185, 64.5696, 64.9571



29.2812, 23.1263, 36.2702



13.6471, 13.7536, 13.6737



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.3281, 24.6313, 18.9371



46.1416, 39.7580, 27.2143



31.5992, 33.1735, 20.3608



8.1323, 8.2695, 8.3809



13.1405, 7.4865, 0.7524



0.4029, 0.2829, 0.0334

Inverse Universe

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



26.8269, 31.6299, 43.7210



45.0815, 54.3308, 78.9166



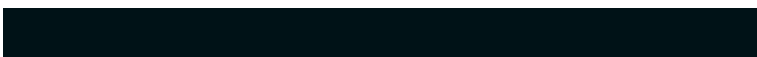
22.3328, 22.6417, 42.2230



8.0959, 8.7911, 10.2229



12.2388, 15.6114, 31.4128



0.3750, 0.5034, 0.8854

Previews

White Background



This preview shows how the XYZ color 27.3275, 24.6301, 18.9366 looks on a white background.

Color Contrast Check

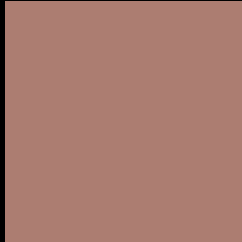
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3275, 24.6301, 18.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

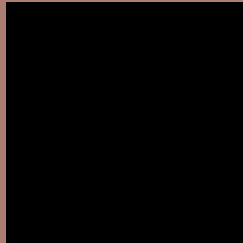
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3275, 24.6301, 18.9366

Background



This preview shows how black text looks on a background with the XYZ color 27.3275, 24.6301, 18.9366.



This preview shows how white text looks on a background with the XYZ color 27.3275, 24.6301,

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

27.3275, 24.6301, 18.9366

Protanopia

23.4019, 24.7560, 20.6845

Deuteranopia

25.1415, 24.6716, 18.7662



Tritanopia

28.5800, 24.5837, 25.0686

Trichromacy



Original Color

27.3275, 24.6301, 18.9366

Protanomaly

24.7301, 24.6335, 19.9743

Deuteranomaly

25.8791, 24.6569, 18.7245

Tritanomaly

28.0182, 24.5308, 22.6602

Monochromacy



Original Color

27.3275, 24.6301, 18.9366

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9277, 24.8441, 24.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3275, 24.6301, 18.9366 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(172, 125, 113)` looks like.

```
.text, #text, p{  
    color:rgb(172, 125, 113)  
}
```

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(172, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 125, 113) }
```

Border

The CSS property to change the border of an element to XYZ 27.3275, 24.6301, 18.9366 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(172, 125, 113) }
```


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

```
.border{ border-color:rgb(172, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(172, 125,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3275, 24.6301, 18.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 125, 113) }
```

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

```
.background{ background-color: rgb(172,  
125, 113) }
```

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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