

Converting Colors

XYZ(29.4845, 27.0842, 22.9424)

Have a look what the booklet for
XYZ(29.4845, 27.0842, 22.9424)
contains.

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Color

**XYZ(29.4085, 26.9819,
23.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	AE847D
RGB	174, 132, 125
RGB Percent	68%, 52%, 49%
CMY	0.3176, 0.4823, 0.5098
CMYK	0.00, 0.24, 0.28, 0.32
HSL	9°, 23%, 59%
HSV	9°, 28%, 68%
XYZ	29.4085, 26.9819, 23.0601
YIQ	143.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

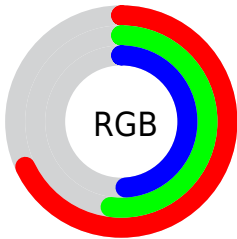
Format	Color
R_{YB}	174, 133, 125
Decimal	11437181
CIE Lab	58.96, 15.09, 10.02
CIE LCh	59, 18.113, 33.596
Yxy	26.9819, 0.3701, 0.3396
Android (android.graphics.Color)	4289627261 (0xFFAE847D)
YUV	143.7600, -9.2487, 26.5205
Hunter-Lab	51.9441, 10.1568, 10.0396

Details

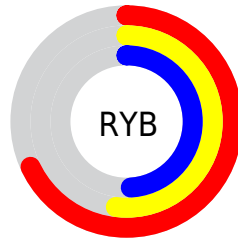
The XYZ color **29.4085, 26.9819, 23.0601** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9157, 35.0523, 45.2335**, and the grayscale version is **26.4417, 27.8187, 30.2946**.

A 20% lighter version of the original color is **58.0180, 54.7353, 49.6266**, and **12.0675, 10.5495, 8.2377** is the 20% darker color. If you saturate the color by 10%, you get **26.5131, 22.8169, 17.0830**, and if you desaturate by 10%, it is **32.7892, 31.8056, 30.1603**.

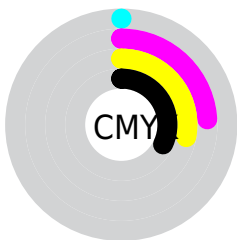
Distribution



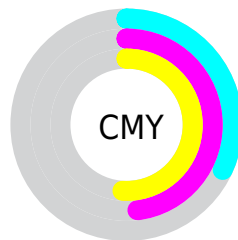
- Red (68%)
- Green (52%)
- Blue (49%)



- Red (68%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (32%)



- Cyan (32%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4085, 26.9819, 23.0601 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 29.4085, 26.9819, 23.0601 by changing the saturation by 10% instead.

■ 29.4085, 26.9819,
23.0601

■ 29.4085, 26.9819,
23.0601

291.0971,
287.5695, 281.1654

■ 19.5359, 17.5596,
14.4322

■ 58.1186, 54.8548,
49.4164

■ 12.1644, 10.6343,
8.2797

■ 77.6867, 74.0743,
67.9819

■ 6.9288, 5.8215,
4.1841

■ 101.2175, 97.3282,
90.6970

■ 3.4635, 2.7368,
1.7269

129.0761,
125.0011, 117.9803

■ 1.4034, 0.9959,
0.3791

161.6281,
157.4772, 150.2502

■ 0.2586, 0.0000,
0.0000

199.2386,

■ 0.0000, 0.0000,

195.1411, 187.9253

0.0000

242.2732,
238.3770, 231.4242

■ 29.4085, 26.9819,
23.0601

■ 29.4085, 26.9819,
23.0601

■ 26.5131, 22.8169,
17.0830

■ 32.7892, 31.8056,
30.1603

■ 24.0786, 19.2782,
12.1698

■ 36.6739, 37.3108,
38.4354

■ 22.0813, 16.3366,
8.2583


■ 41.0830, 43.5241,
47.9359


■ 20.4951, 13.9588,
5.2792


■ 46.0352, 50.4695,
58.7089


■ 19.2904, 12.1085,
3.1543

■ 51.5481, 58.1696,
70.7991


 18.4340, 10.7449,
1.7926

 57.6386, 66.6464,
84.2490

 17.8793, 9.8180,
1.0446

 64.3229, 75.9208,
99.0990

 17.8004, 9.6884,
0.9319

 70.0993, 85.4061,
107.3981

 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



30.1954, 26.9819, 28.6108



29.4085, 26.9819, 23.0601



27.6117, 26.9819, 19.6457

Triad

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



29.4085, 26.9819, 23.0601



21.9731, 26.9819, 24.2208



25.9169, 26.9819, 43.5115

Complementary

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



29.4085, 26.9819, 23.0601



29.9157, 35.0523, 45.2335

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.



23.7749, 26.9819, 41.8894



29.4085, 26.9819, 23.0601



21.5772, 26.9819, 30.1602

Square

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



29.4085, 26.9819, 23.0601



23.3322, 26.9819, 20.2441



22.2180, 26.9819, 36.7574



28.1069, 26.9819, 40.9156

Rectangle

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



29.4085, 26.9819, 23.0601



26.1296, 26.9819, 18.7337



22.2180, 26.9819, 36.7574



25.1674, 26.9819, 43.4430

Sweetspot

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



29.4092, 26.9832, 23.0606



66.5370, 67.6981, 69.7481



31.8077, 26.4735, 40.2194



14.5423, 14.6986, 14.9751



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.4092, 26.9832, 23.0606



49.8634, 43.9434, 34.6181



33.0515, 34.2677, 24.2747



8.0942, 8.1932, 8.3682



12.9382, 7.0818, 0.6850



0.3878, 0.2528, 0.0284

Inverse Universe

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



29.9157, 35.0523, 45.2335



50.9324, 61.0784, 81.7418



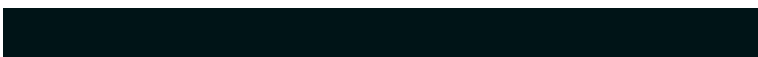
25.9152, 27.0512, 43.9000



8.1373, 8.8740, 10.2367



13.3845, 17.9028, 31.7947



0.3985, 0.5504, 0.8932

Previews

White Background



This preview shows how the XYZ color 29.4085, 26.9819, 23.0601 looks on a white background.

Color Contrast Check

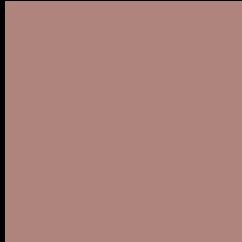
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4085, 26.9819, 23.0601 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 29.4085, 26.9819, 23.0601

Background



This preview shows how black text looks on a background with the XYZ color 29.4085, 26.9819, 23.0601.



This preview shows how white text looks on a background with the XYZ color 29.4085, 26.9819,

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

29.4085, 26.9819, 23.0601

Protanopia

25.9150, 27.2536, 25.0137

Deuteranopia

27.4840, 27.0279, 22.8371



Tritanopia

30.6208, 27.0888, 28.4257

Trichromacy



Original Color

29.4085, 26.9819, 23.0601

Protanomaly

26.8894, 26.9036, 24.1978

Deuteranomaly

28.0279, 26.8902, 22.7819

Tritanomaly

30.1687, 27.0958, 26.5616

Monochromacy



Original Color

29.4085, 26.9819, 23.0601

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.4110, 27.5309, 27.5362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4085, 26.9819, 23.0601 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(174, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 125)  
}
```

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(174, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.4085, 26.9819, 23.0601 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(174, 132, 125) }
```


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

```
.border{ border-color:rgb(174, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4085, 26.9819, 23.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 125) }
```

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

```
.background{ background-color: rgb(174,  
132, 125) }
```

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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