

Converting Colors

XYZ(28.3842, 24.0239, 26.6979)

Have a look what the booklet for
XYZ(28.3842, 24.0239, 26.6979)
contains.

XYZ(28.4654, 24.1233, 26.8229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.4654, 24.1233,
26.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7889
RGB	173, 120, 137
RGB Percent	68%, 47%, 54%
CMY	0.3216, 0.5294, 0.4627
CMYK	0.00, 0.31, 0.21, 0.32
HSL	341°, 24%, 57%
HSV	341°, 31%, 68%
XYZ	28.4654, 24.1233, 26.8229
YIQ	137.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

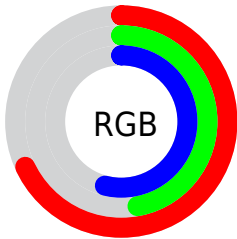
Format	Color
R_{YB}	173, 120, 137
Decimal	11368585
CIE _{Lab}	56.21, 23.27, -0.87
CIE _{LCh}	56, 23.288, 357.850
Yxy	24.1233, 0.3585, 0.3038
Android (android.graphics.Color)	4289558665 (0xFFAD7889)
YUV	137.7850, -0.3870, 30.8836
Hunter-Lab	49.1155, 17.4995, 2.0014

Details

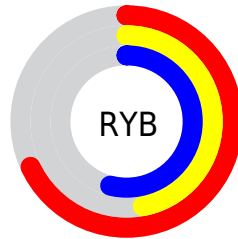
The XYZ color **28.4654, 24.1233, 26.8229** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6910, 36.2811, 36.9450**, and the grayscale version is **24.0706, 25.3241, 27.5780**.

A 20% lighter version of the original color is **56.5509, 50.2629, 55.4363**, and **11.7193, 9.1877, 10.1725** is the 20% darker color. If you saturate the color by 10%, you get **25.7722, 20.0131, 21.9902**, and if you desaturate by 10%, it is **31.6277, 29.0243, 32.2656**.

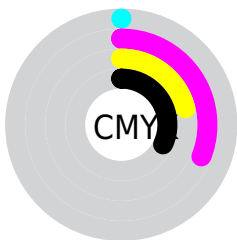
Distribution



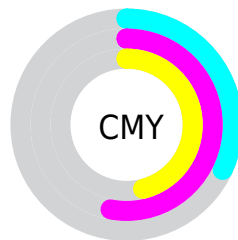
- Red (68%)
- Green (47%)
- Blue (54%)



- Red (68%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (32%)




- Cyan (32%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4654, 24.1233, 26.8229 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 28.4654, 24.1233, 26.8229 by changing the saturation by 10% instead.

 28.4654, 24.1233,
26.8229


 28.4654, 24.1233,
26.8229

286.7241,
273.4433, 300.5316


 18.8190, 15.4251,
17.2090


 56.6301, 50.2313,
55.5998

 11.6428, 9.1183,
10.2201


 75.8791, 68.4100,
75.5999

 6.5714, 4.8184,
5.4376


 99.0597, 90.5175,
99.8992

 3.2395, 2.1411,
2.4431

126.5373,
116.9384, 128.9161

 1.2816, 0.6876,
0.8097

158.6771,
148.0571, 163.0693

 0.1694, 0.0000,
0.0000

195.8446,

 0.0000, 0.0000,

184.2578, 202.7772

0.0000

238.4052,
225.9251, 248.4585

■ 28.4654, 24.1233,
26.8229

■ 28.4654, 24.1233,
26.8229

■ 25.7722, 20.0131,
21.9902

■ 31.6277, 29.0243,
32.2656

■ 23.5228, 16.6486,
17.7438

■ 35.2787, 34.7512,
38.3377

■ 21.6928, 13.9854,
14.0605

■ 39.4390, 41.3414,
45.0597

■ 20.2542, 11.9729,
10.9151

■ 44.1278, 48.8285,
52.4506

■ 19.1755, 10.5537,
8.2798

■ 49.3630, 57.2448,
60.5286

■ 18.4199, 9.6601,
6.1242

■ 55.1619, 66.6206,
69.3112

■ 17.9349, 9.1648,
4.4992

■ 61.5407, 76.9851,
78.8153

■ 67.4195, 86.1746,
88.6919

■ 69.1360, 86.8612,
97.7309

Harmonies

Analogous

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



27.5676, 24.1233, 34.9158



28.4654, 24.1233, 26.8229



27.7865, 24.1233, 19.9648

Triad

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



28.4654, 24.1233, 26.8229



20.6073, 24.1233, 15.2708



20.2975, 24.1233, 40.8257

Complementary

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



28.4654, 24.1233, 26.8229



28.6910, 36.2811, 36.9450

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.



18.6725, 24.1233, 33.7709



28.4654, 24.1233, 26.8229



18.8414, 24.1233, 19.1778

Square

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



28.4654, 24.1233, 26.8229



23.1221, 24.1233, 14.1190



18.1606, 24.1233, 25.7172



22.7360, 24.1233, 43.9194

Rectangle

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



28.4654, 24.1233, 26.8229



26.5584, 24.1233, 16.7840



18.1606, 24.1233, 25.7172



19.6453, 24.1233, 38.7791

Sweetspot

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



28.4661, 24.1244, 26.8234



64.2239, 63.8812, 70.3640



27.8418, 23.4529, 42.5948



13.7405, 13.5408, 14.9372



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.



28.4661, 24.1244, 26.8234



47.5123, 37.8981, 41.8568



28.4529, 25.8980, 21.2698



8.1072, 8.0561, 8.8751



13.1994, 6.7423, 3.4293



0.3925, 0.1977, 0.2288

Inverse Universe

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



28.4661, 24.1244, 26.8234



47.5123, 37.8981, 41.8568



28.5947, 33.6215, 44.5179



8.1072, 8.0561, 8.8751



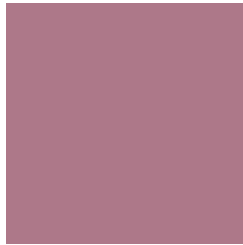
13.1994, 6.7423, 3.4293



0.3925, 0.1977, 0.2288

Previews

White Background



This preview shows how the XYZ color 28.4654, 24.1233, 26.8229 looks on a white background.

Color Contrast Check

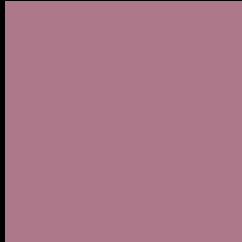
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4654, 24.1233, 26.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

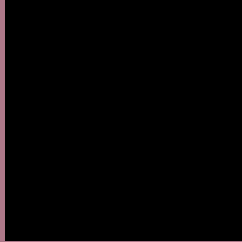
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4654, 24.1233, 26.8229

Background



This preview shows how black text looks on a background with the XYZ color 28.4654, 24.1233, 26.8229.



This preview shows how white text looks on a background with the XYZ color 28.4654, 24.1233,

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

28.4654, 24.1233, 26.8229

Protanopia

23.4674, 24.1629, 30.2151

Deuteranopia

24.7022, 24.2778, 26.3058



Tritanopia

27.8799, 24.0571, 24.2931

Trichromacy



Original Color

28.4654, 24.1233, 26.8229

Protanomaly

24.9455, 23.9494, 28.8991

Deuteranomaly

25.9379, 24.1244, 26.5820

Tritanomaly

28.0843, 24.1389, 25.3694

Monochromacy



Original Color

28.4654, 24.1233, 26.8229

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4662, 24.6469, 27.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4654, 24.1233, 26.8229 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(173, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 137)  
}
```

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(173, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.4654, 24.1233, 26.8229 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(173, 120, 137) }
```


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

```
.border{ border-color:rgb(173, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4654, 24.1233, 26.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 137) }
```

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

```
.background{ background-color: rgb(173,  
120, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor