

Converting Colors

XYZ(28.4321, 26.3392, 24.0080)

Have a look what the booklet for
XYZ(28.4321, 26.3392, 24.0080)
contains.

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Color

**XYZ(28.3748, 26.2261,
23.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	A98380
RGB	169, 131, 128
RGB Percent	66%, 51%, 50%
CMY	0.3373, 0.4863, 0.4980
CMYK	0.00, 0.22, 0.24, 0.34
HSL	4°, 19%, 58%
HSV	4°, 24%, 66%
XYZ	28.3748, 26.2261, 23.9887
YIQ	142.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

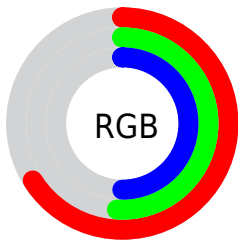
Format	Color
RYB	169, 131, 128
Decimal	11109248
CIELab	58.25, 14.12, 7.22
CIELCh	58, 15.864, 27.093
Yxy	26.2261, 0.3611, 0.3337
Android (android.graphics.Color)	4289299328 (0xFFA98380)
YUV	142.0200, -6.9119, 23.6615
Hunter-Lab	51.2114, 9.2818, 8.0751

Details

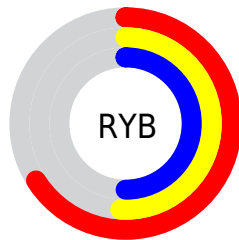
The XYZ color **28.3748, 26.2261, 23.9887** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6995, 34.7254, 42.6738**, and the grayscale version is **25.7396, 27.0800, 29.4902**.

A 20% lighter version of the original color is **56.5323, 53.6247, 51.0871**, and **11.5562, 10.1624, 8.7496** is the 20% darker color. If you saturate the color by 10%, you get **25.4069, 21.9246, 17.9609**, and if you desaturate by 10%, it is **31.8474, 31.2402, 31.0995**.

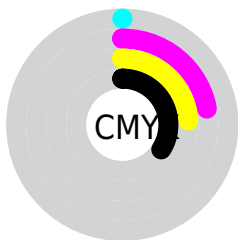
Distribution



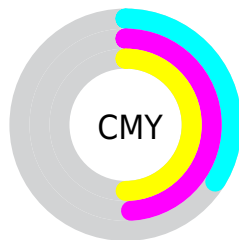
- Red (66%)
- Green (51%)
- Blue (50%)



- Red (66%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3748, 26.2261, 23.9887 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 28.3748, 26.2261, 23.9887 by changing the saturation by 10% instead.


 28.3748, 26.2261,
23.9887


 28.3748, 26.2261,
23.9887


286.3012,
283.8902, 286.0481


 18.7503, 16.9929,
15.1131


 56.4867, 53.6395,
50.9554

 11.5929, 10.2294,
8.7513


 75.7049, 72.5884,
69.8835

 6.5373, 5.5513,
4.4847


 98.8516, 95.5447,
92.9996

 3.2182, 2.5742,
1.8949

126.2922,
122.8927, 120.7222

 1.2702, 0.9137,
0.4895

158.3922,
155.0169, 153.4698

 0.1607, 0.0000,
0.0000

195.5167,

 0.0000, 0.0000,

192.3016, 191.6609

0.0000

238.0313,
235.1313, 235.7142

■ 28.3748, 26.2261,
23.9887

■ 28.3748, 26.2261,
23.9887

■ 25.4069, 21.9246,
17.9609

■ 31.8474, 31.2402,
31.0995

■ 22.9182, 18.2999,
12.9613

■ 35.8445, 36.9932,
39.3410

■ 20.8842, 15.3185,
8.9330

■ 40.3873, 43.5147,
48.7601

■ 19.2772, 12.9429,
5.8129

■ 45.4954, 50.8317,
59.4005

■ 18.0668, 11.1315,
3.5303

■ 51.1872, 58.9696,
71.3038

■ 17.2181, 9.8374,
2.0042

■ 57.4804, 67.9528,
84.5096

■ 16.6905, 9.0063,
1.1373

■ 64.3919, 77.8048,
99.0556

■ 16.4984, 8.7073,
0.8111

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



28.8153, 26.2261, 29.0975



28.3748, 26.2261, 23.9887



26.9956, 26.2261, 20.5384

Triad

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



28.3748, 26.2261, 23.9887



21.9429, 26.2261, 23.1681



24.7396, 26.2261, 40.5239

Complementary

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



28.3748, 26.2261, 23.9887



29.6995, 34.7254, 42.6738

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.



22.9671, 26.2261, 38.4275



28.3748, 26.2261, 23.9887



21.4055, 26.2261, 28.0208

Square

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



28.3748, 26.2261, 23.9887



23.2768, 26.2261, 20.1093



21.7707, 26.2261, 33.6685



26.6537, 26.2261, 39.0874

Rectangle

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



28.3748, 26.2261, 23.9887



25.7643, 26.2261, 19.4079



21.7707, 26.2261, 33.6685



24.1083, 26.2261, 40.2033

Sweetspot

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



28.3755, 26.2273, 23.9892



62.0456, 63.1616, 66.0159



30.9891, 26.6367, 39.7132



13.4343, 13.6385, 14.2050



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.



28.3755, 26.2273, 23.9892



47.9129, 42.7639, 37.0498



31.3630, 32.2023, 24.9851



7.5736, 7.6273, 7.8623



12.3124, 6.5221, 0.6100



0.3129, 0.1854, 0.0193

Inverse Universe

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



29.6995, 34.7254, 42.6738



50.6879, 60.5872, 76.2481



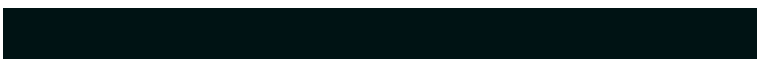
26.3068, 27.9400, 41.5429



7.6998, 8.4366, 9.6409



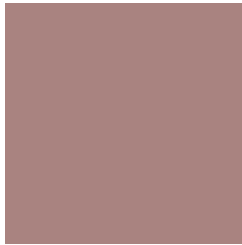
14.2926, 20.0453, 31.0913



0.3611, 0.5145, 0.7609

Previews

White Background



This preview shows how the XYZ color 28.3748, 26.2261, 23.9887 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 28.3748, 26.2261, 23.9887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

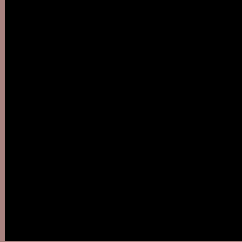
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3748, 26.2261, 23.9887

Background



This preview shows how black text looks on a background with the XYZ color 28.3748, 26.2261, 23.9887.



This preview shows how white text looks on a background with the XYZ color 28.3748, 26.2261,

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

28.3748, 26.2261, 23.9887

Protanopia

25.2888, 26.4694, 25.9665

Deuteranopia

26.7928, 26.2312, 23.7297



Tritanopia

29.0880, 26.1106, 27.9328

Trichromacy



Original Color

28.3748, 26.2261, 23.9887

Protanomaly

26.3688, 26.4000, 25.1787

Deuteranomaly

27.4601, 26.3690, 23.7211

Tritanomaly

28.9334, 26.2606, 26.4655

Monochromacy



Original Color

28.3748, 26.2261, 23.9887

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5527, 26.6585, 27.4130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3748, 26.2261, 23.9887 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(169, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 128)  
}
```

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(169, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.3748, 26.2261, 23.9887 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(169, 131, 128) }
```


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

```
.border{ border-color:rgb(169, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3748, 26.2261, 23.9887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 128) }
```

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

```
.background{ background-color: rgb(169,  
131, 128) }
```

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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