

Converting Colors

XYZ(28.4931, 28.4296, 22.0749)

Have a look what the booklet for
XYZ(28.4931, 28.4296, 22.0749)
contains.

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Color

**XYZ(28.4931, 28.4296,
22.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D79
RGB	165, 141, 121
RGB Percent	65%, 55%, 47%
CMY	0.3529, 0.4470, 0.5255
CMYK	0.00, 0.15, 0.27, 0.35
HSL	27°, 20%, 56%
HSV	27°, 27%, 65%
XYZ	28.4931, 28.4296, 22.0749
YIQ	145.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

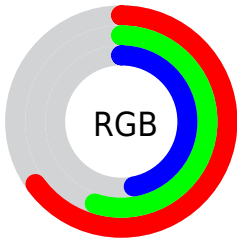
Format	Color
RYB	165, 158, 121
Decimal	10849657
CIELab	60.27, 5.86, 14.02
CIElCh	60, 15.193, 67.299
Yxy	28.4296, 0.3607, 0.3599
Android (android.graphics.Color)	4289039737 (0xFFA58D79)
YUV	145.8960, -12.2737, 16.7542
Hunter-Lab	53.3194, 2.0788, 12.7768

Details

The XYZ color **28.4931, 28.4296, 22.0749** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8018, 27.0315, 39.5077**, and the grayscale version is **27.3224, 28.7453, 31.3036**.

A 20% lighter version of the original color is **56.8767, 57.4195, 47.6205**, and **11.5929, 11.3948, 7.7193** is the 20% darker color. If you saturate the color by 10%, you get **26.2933, 25.5131, 16.7693**, and if you desaturate by 10%, it is **30.9753, 31.6336, 28.3292**.

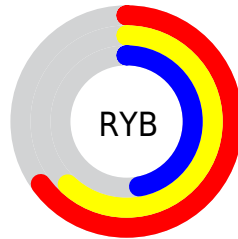
Distribution



Red (65%)

Green (55%)

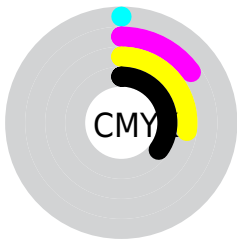
Blue (47%)



Red (65%)

Yellow (62%)

Blue (47%)

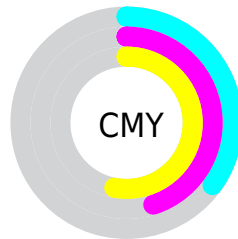


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4931, 28.4296, 22.0749 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 28.4931, 28.4296, 22.0749 by changing the saturation by 10% instead.


 28.4931, 28.4296,
22.0749


 28.4931, 28.4296,
22.0749


286.8532,
294.5140, 275.9034


 18.8400, 18.6498,
13.7131


 56.6739, 57.1696,
47.7735

 11.6581, 11.4175,
7.7849


 75.9324, 76.8985,
65.9475

 6.5818, 6.3484,
3.8718


 99.1233, 100.7126,
88.2292

 3.2460, 3.0580,
1.5553

126.6121,
128.9962, 115.0372

 1.2851, 1.1621,
0.2586

158.7642,
162.1338, 146.7901

 0.1721, 0.0304,
0.0000

195.9448,

 0.0000, 0.0000,

200.5097, 183.9064

0.0000

238.5194,
244.5083, 226.8047

■ 28.4931, 28.4296,
22.0749

■ 28.4931, 28.4296,
22.0749

■ 26.2933, 25.5131,
16.7693

■ 30.9753, 31.6336,
28.3292

■ 24.3624, 22.8716,
12.3634

■ 33.7483, 35.1293,
35.5743

■ 22.6888, 20.4973,
8.8065

■ 36.8229, 38.9260,
43.8520

■ 21.2593, 18.3804,
6.0419

■ 40.2087, 43.0311,
53.2010

■ 20.0590, 16.5104,
4.0060

■ 43.9148, 47.4518,
63.6582

■ 19.0711, 14.8757,
2.6253

■ 47.9497, 52.1951,
75.2585

■ 18.2726, 13.4622,
1.7934

■ 52.3219, 57.2678,
88.0354

■ 18.0341, 13.0334,
1.5652

■ 57.0394, 62.6763,
102.0210

■ 59.6861, 67.4575,
104.4826

Harmonies

Analogous

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



30.1123, 28.4296, 24.8982



28.4931, 28.4296, 22.0749



26.5483, 28.4296, 21.4862

Triad

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



28.4931, 28.4296, 22.0749



23.4734, 28.4296, 32.3382



29.3557, 28.4296, 40.2977

Complementary

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



28.4931, 28.4296, 22.0749



24.8018, 27.0315, 39.5077

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.



27.5002, 28.4296, 42.8627



28.4931, 28.4296, 22.0749



24.1497, 28.4296, 37.9221

Square

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



28.4931, 28.4296, 22.0749



23.7108, 28.4296, 26.9965



25.6014, 28.4296, 41.9448



30.6268, 28.4296, 35.2827

Rectangle

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



28.4931, 28.4296, 22.0749



25.3395, 28.4296, 22.3666



25.6014, 28.4296, 41.9448



28.7763, 28.4296, 41.5009

Sweetspot

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



28.4938, 28.4309, 22.0755



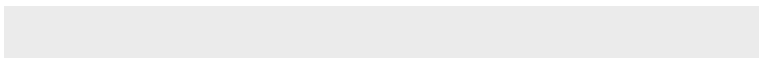
59.6719, 61.9535, 61.6750



27.4809, 23.7249, 30.0002



12.8836, 13.3415, 13.0568



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.4938, 28.4309, 22.0755



48.6378, 47.7634, 33.7098



32.0300, 35.5033, 23.2542



7.3266, 7.5916, 7.4593



13.6918, 9.9574, 1.2003



0.3347, 0.3033, 0.0409

Inverse Universe

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



24.8018, 27.0315, 39.5077



40.8974, 44.8273, 70.2493



21.7848, 20.9975, 38.5021



7.0055, 7.4700, 8.9757



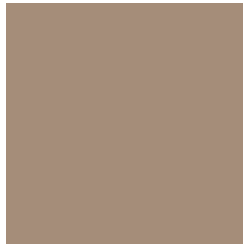
7.9533, 7.6861, 27.9942



0.2136, 0.2545, 0.6037

Previews

White Background



This preview shows how the XYZ color 28.4931, 28.4296, 22.0749 looks on a white background.

Color Contrast Check

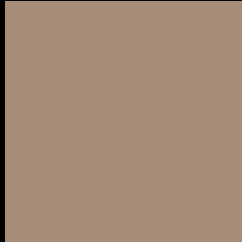
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4931, 28.4296, 22.0749 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

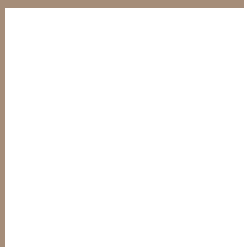
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4931, 28.4296, 22.0749

Background



This preview shows how black text looks on a background with the XYZ color 28.4931, 28.4296, 22.0749.



This preview shows how white text looks on a background with the XYZ color 28.4931, 28.4296,

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

28.4931, 28.4296, 22.0749

Protanopia

26.8374, 28.4532, 22.8164

Deuteranopia

28.9777, 28.4615, 22.0555



Tritanopia

30.4394, 28.3543, 31.8856

Trichromacy



Original Color

28.4931, 28.4296, 22.0749

Protanomaly

27.3907, 28.5198, 22.4736

Deuteranomaly

28.7656, 28.3521, 22.0456

Tritanomaly

29.6123, 28.2274, 27.9325

Monochromacy



Original Color

28.4931, 28.4296, 22.0749

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6255, 28.5250, 27.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4931, 28.4296, 22.0749 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(165, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 121)  
}
```

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(165, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.4931, 28.4296, 22.0749 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(165, 141, 121) }
```


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

```
.border{ border-color:rgb(165, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4931, 28.4296, 22.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 121) }
```

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

```
.background{ background-color: rgb(165,  
141, 121) }
```

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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