

Converting Colors

XYZ(28.2348, 27.0316, 26.1020)

Have a look what the booklet for
XYZ(28.2348, 27.0316, 26.1020)
contains.

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Color

**XYZ(28.4171, 27.2221,
26.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	A48886
RGB	164, 136, 134
RGB Percent	64%, 53%, 53%
CMY	0.3569, 0.4667, 0.4745
CMYK	0.00, 0.17, 0.18, 0.36
HSL	4°, 14%, 58%
HSV	4°, 18%, 64%
XYZ	28.4171, 27.2221, 26.3109
YIQ	144.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

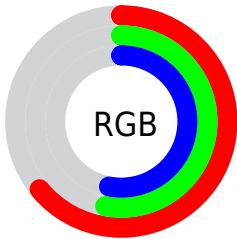
Format	Color
RYB	164, 136, 134
Decimal	10782854
CIELab	59.18, 10.29, 5.05
CIElCh	59, 11.459, 26.133
Yxy	27.2221, 0.3468, 0.3322
Android (android.graphics.Color)	4288972934 (0xFFA48886)
YUV	144.1440, -5.0010, 17.4137
Hunter-Lab	52.1748, 5.9144, 6.6234

Details

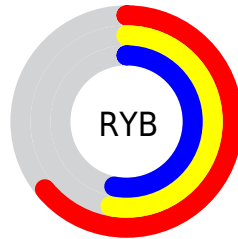
The XYZ color **28.4171, 27.2221, 26.3109** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4524, 33.5885, 40.0531**, and the grayscale version is **26.5825, 27.9669, 30.4559**.

A 20% lighter version of the original color is **56.3807, 55.0431, 54.6665**, and **11.6101, 10.7404, 9.8487** is the 20% darker color. If you saturate the color by 10%, you get **25.3572, 22.7929, 20.0785**, and if you desaturate by 10%, it is **31.9638, 32.3404, 33.5814**.

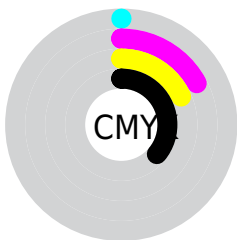
Distribution



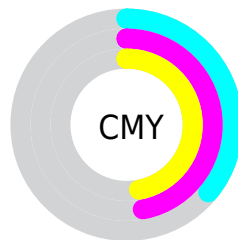
- Red (64%)
- Green (53%)
- Blue (53%)



- Red (64%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4171, 27.2221, 26.3109 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 28.4171, 27.2221, 26.3109 by changing the saturation by 10% instead.

■ 28.4171, 27.2221,
26.3109

■ 28.4171, 27.2221,
26.3109

286.4987,
288.7309, 297.9588

■ 18.7824, 17.7401,
16.8285

■ 56.5537, 55.2401,
54.7663

■ 11.6162, 10.7636,
9.9516

■ 75.7862, 74.5448,
74.5764

■ 6.5532, 5.9081,
5.2617

■ 98.9488, 97.8926,
98.6662

■ 3.2281, 2.7893,
2.3402

126.4067,
125.6678, 127.4542

■ 1.2755, 1.0227,
0.7536

158.5252,
158.2549, 161.3589

■ 0.1648, 0.0000,
0.0000

195.6699,

■ 0.0000, 0.0000,

196.0381, 200.7989

0.0000

238.2059,
239.4020, 246.1927

■ 28.4171, 27.2221,
26.3109

■ 28.4171, 27.2221,
26.3109

■ 25.3572, 22.7929,
20.0785

■ 31.9638, 32.3404,
33.5814

■ 22.7606, 19.0198,
14.8352

■ 36.0147, 38.1715,
41.9325

■ 20.6054, 15.8727,
10.5306

■ 40.5895, 44.7426,
51.4065

■ 18.8671, 13.3178,
7.1094

■ 45.7059, 52.0784,
62.0427

■ 17.5185, 11.3180,
4.5102

■ 51.3807, 60.2024,
73.8788

■ 16.5295, 9.8319,
2.6638

■ 57.6302, 69.1370,
86.9505

■ 15.8654, 8.8126,
1.4899

■ 64.4700, 78.9040,
101.2923

■ 15.4765, 8.2012,
0.8477

■ 69.1199, 86.6326,
107.6865

■ 15.4291, 8.1308,
0.7562

Harmonies

Analogous

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



28.7101, 27.2221, 30.1736



28.4171, 27.2221, 26.3109



27.4337, 27.2221, 23.5804

Triad

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



28.4171, 27.2221, 26.3109



23.6609, 27.2221, 25.4718



25.6891, 27.2221, 38.1955

Complementary

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



28.4171, 27.2221, 26.3109



29.4524, 33.5885, 40.0531

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.



24.3741, 27.2221, 36.6583



28.4171, 27.2221, 26.3109



23.2307, 27.2221, 29.1132

Square

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



28.4171, 27.2221, 26.3109



24.6835, 27.2221, 23.1281



23.4869, 27.2221, 33.2392



27.1017, 27.2221, 37.2726

Rectangle

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



28.4171, 27.2221, 26.3109



26.5372, 27.2221, 22.6446



23.4869, 27.2221, 33.2392



25.2215, 27.2221, 37.9459

Sweetspot

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



28.4178, 27.2233, 26.3115



60.2696, 61.9448, 65.5865



30.3568, 27.5517, 37.9007



13.0721, 13.3926, 14.1244



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.



28.4178, 27.2233, 26.3115



49.1886, 45.9521, 42.8732



30.6798, 31.7473, 27.0655



7.1100, 7.1584, 7.3871



11.8442, 6.2623, 0.5845



0.2596, 0.1530, 0.0159

Inverse Universe

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



29.4524, 33.5885, 40.0531



51.4231, 59.7041, 72.5661



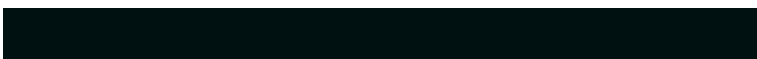
26.9664, 28.6165, 39.2245



7.2354, 7.9299, 9.0523



13.8920, 19.5634, 29.9737



0.3031, 0.4336, 0.6336

Previews

White Background



This preview shows how the XYZ color 28.4171, 27.2221, 26.3109 looks on a white background.

Color Contrast Check

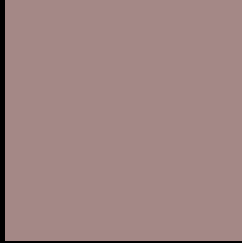
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4171, 27.2221, 26.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

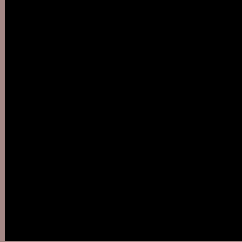
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4171, 27.2221, 26.3109

Background



This preview shows how black text looks on a background with the XYZ color 28.4171, 27.2221, 26.3109.



This preview shows how white text looks on a background with the XYZ color 28.4171, 27.2221,

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

28.4171, 27.2221, 26.3109

Protanopia

26.0424, 27.2631, 27.5566

Deuteranopia

27.8888, 27.3718, 26.3676



Tritanopia

29.1530, 27.0939, 30.4812

Trichromacy



Original Color

28.4171, 27.2221, 26.3109

Protanomaly

26.9589, 27.3060, 27.1423

Deuteranomaly

27.9467, 27.1896, 26.3294

Tritanomaly

28.9887, 27.2504, 28.9313

Monochromacy



Original Color

28.4171, 27.2221, 26.3109

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0210, 27.5225, 28.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4171, 27.2221, 26.3109 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(164, 136, 134)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 134)  
}
```

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(164, 136, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.4171, 27.2221, 26.3109 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(164, 136, 134) }
```


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

```
.border{ border-color:rgb(164, 136, 134) }
```

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

Here you see how a box with a 4 pixel rgb(164, 136, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 134);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4171, 27.2221, 26.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 134) }
```

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

```
.background{ background-color: rgb(164,  
136, 134) }
```

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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