

Converting Colors

XYZ(33.4336, 28.0174, 22.8750)

Have a look what the booklet for
XYZ(33.4336, 28.0174, 22.8750)
contains.

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Color

**XYZ(33.4756, 28.1033,
22.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	C27F7C
RGB	194, 127, 124
RGB Percent	76%, 50%, 49%
CMY	0.2392, 0.5019, 0.5137
CMYK	0.00, 0.35, 0.36, 0.24
HSL	3°, 36%, 62%
HSV	3°, 36%, 76%
XYZ	33.4756, 28.1033, 22.7289
YIQ	146.6910, 40.8950, 13.2710

Conversions

Conversions Part 2

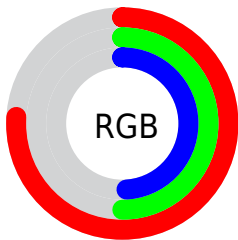
Format	Color
RYB	194, 127, 124
Decimal	12746620
CIELab	59.98, 25.59, 12.36
CIElCh	60, 28.423, 25.781
Yxy	28.1033, 0.3971, 0.3333
Android (android.graphics.Color)	4290936700 (0xFFC27F7C)
YUV	146.6910, -11.1867, 41.4900
Hunter-Lab	53.0125, 19.9447, 11.6885

Details

The XYZ color **33.4756, 28.1033, 22.7289** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6799, 45.4401, 57.8766**, and the grayscale version is **27.6391, 29.0785, 31.6665**.

A 20% lighter version of the original color is **64.3026, 56.4726, 48.5855**, and **14.4051, 11.2190, 8.0629** is the 20% darker color. If you saturate the color by 10%, you get **30.1863, 23.2988, 16.1634**, and if you desaturate by 10%, it is **37.4496, 33.8909, 30.7139**.

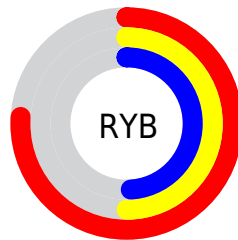
Distribution



Red (76%)

Green (50%)

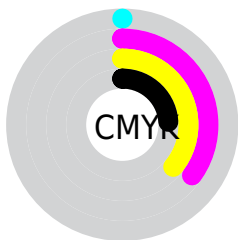
Blue (49%)



Red (76%)

Yellow (50%)

Blue (49%)

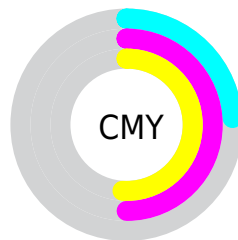


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4756, 28.1033, 22.7289 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 33.4756, 28.1033, 22.7289 by changing the saturation by 10% instead.


 33.4756, 28.1033,
22.7289


 33.4756, 28.1033,
22.7289

309.4146,
292.9602, 279.4061


 22.6520, 18.4035,
14.1900


 64.4671, 56.6493,
48.8653

 14.4560, 11.2401,
8.1127


 85.3657, 76.2644,
67.3000

 8.5223, 6.2286,
4.0783


 110.3533, 99.9533,
89.8703

 4.4856, 2.9846,
1.6684

139.7953,
128.1006, 116.9949

 1.9803, 1.1237,
0.3390

174.0571,
161.0905, 149.0922

 0.6229, 0.0000,
0.0000

213.5040,

 0.0000, 0.0000,

199.3074, 186.5808

0.0000

258.5014,
243.1359, 229.8793

■ 33.4756, 28.1033,
22.7289

■ 33.4756, 28.1033,
22.7289

■ 30.1863, 23.2988,
16.1634

■ 37.4496, 33.8909,
30.7139

■ 27.5411, 19.4189,
10.9329

■ 42.1417, 40.7076,
40.1932

■ 25.4982, 16.4054,
6.9462

■ 47.5856, 48.6014,
51.2379

■ 24.0103, 14.1919,
4.1002

■ 53.8124, 57.6163,
63.9146

■ 23.0228, 12.7022,
2.2753

■ 60.8512, 67.7935,
78.2856

■ 22.4692, 11.8449,
1.3203

■ 68.7299, 79.1724,
94.4101

■ 22.3385, 11.6501,
1.0713

■ 76.0582, 90.2093,
108.0112

Harmonies

Analogous

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



34.2645, 28.1033, 32.0884



33.4756, 28.1033, 22.7289



30.8161, 28.1033, 16.9085

Triad

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



33.4756, 28.1033, 22.7289



21.3636, 28.1033, 20.7104



26.2030, 28.1033, 55.0703

Complementary

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



33.4756, 28.1033, 22.7289



36.6799, 45.4401, 57.8766

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.



22.9883, 28.1033, 50.2002



33.4756, 28.1033, 22.7289



20.3588, 28.1033, 29.1578

Square

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



33.4756, 28.1033, 22.7289



23.7994, 28.1033, 15.9410



20.9258, 28.1033, 40.1054



29.8517, 28.1033, 52.2659

Rectangle

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



33.4756, 28.1033, 22.7289



28.4562, 28.1033, 15.0689



20.9258, 28.1033, 40.1054



25.0393, 28.1033, 54.2515

Sweetspot

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



33.4763, 28.1047, 22.7295



81.0167, 80.5217, 82.2780



38.9335, 29.6759, 53.3518



17.4463, 17.2048, 17.4186



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.4763, 28.1047, 22.7295



56.0114, 44.1444, 31.9127



38.6896, 38.5312, 24.4672



10.1071, 10.1456, 10.4875



14.7023, 7.6904, 0.7095



0.6475, 0.3567, 0.0347

Inverse Universe

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



36.6799, 45.4401, 57.8766



62.6289, 79.9833, 104.6072



30.0507, 32.1817, 55.6668



10.3303, 11.3519, 12.9315



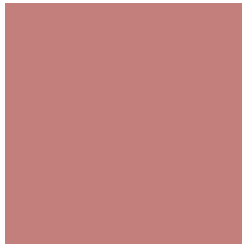
17.9175, 25.5914, 37.5519



0.7858, 1.1290, 1.6264

Previews

White Background



This preview shows how the XYZ color 33.4756, 28.1033, 22.7289 looks on a white background.

Color Contrast Check

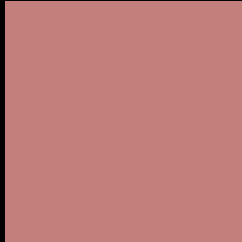
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4756, 28.1033, 22.7289 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 33.4756, 28.1033, 22.7289

Background



This preview shows how black text looks on a background with the XYZ color 33.4756, 28.1033, 22.7289.



This preview shows how white text looks on a background with the XYZ color 33.4756, 28.1033,

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

33.4756, 28.1033, 22.7289

Protanopia

26.7846, 28.1240, 26.2071

Deuteranopia

28.6818, 28.0859, 22.3218



Tritanopia

34.2125, 28.0186, 26.5266

Trichromacy



Original Color

33.4756, 28.1033, 22.7289

Protanomaly

28.8436, 27.8957, 24.9833

Deuteranomaly

30.3706, 28.1051, 22.5630

Tritanomaly

34.0633, 28.1625, 25.1133

Monochromacy



Original Color

33.4756, 28.1033, 22.7289

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3481, 28.5128, 28.3828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4756, 28.1033, 22.7289 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(194, 127, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 127, 124)  
}
```

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(194, 127, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 127, 124) }
```

Border

The CSS property to change the border of an element to XYZ 33.4756, 28.1033, 22.7289 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(194, 127, 124) }
```


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

```
.border{ border-color:rgb(194, 127, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 127, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 127, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 127, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 127,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4756, 28.1033, 22.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 127, 124) }
```

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

```
.background{ background-color: rgb(194,  
127, 124) }
```

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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