

Converting Colors

XYZ(30.6917, 28.7270, 28.0396)

Have a look what the booklet for
XYZ(30.6917, 28.7270, 28.0396)
contains.

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Color

**XYZ(30.6892, 28.7826,
27.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A8A
RGB	172, 138, 138
RGB Percent	67%, 54%, 54%
CMY	0.3255, 0.4588, 0.4588
CMYK	0.00, 0.20, 0.20, 0.33
HSL	0°, 17%, 61%
HSV	0°, 20%, 67%
XYZ	30.6892, 28.7826, 27.9829
YIQ	148.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

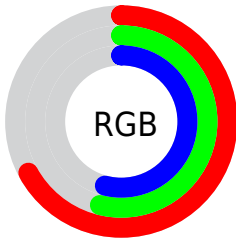
Format	Color
RYB	172, 138, 138
Decimal	11307658
CIELab	60.59, 12.89, 4.89
CIElCh	61, 13.791, 20.783
Yxy	28.7826, 0.3509, 0.3291
Android (android.graphics.Color)	4289497738 (0xFFAC8A8A)
YUV	148.1660, -5.0118, 20.9024
Hunter-Lab	53.6494, 8.2213, 6.6296

Details

The XYZ color **30.6892, 28.7826, 27.9829** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6799, 37.8860, 44.6203**, and the grayscale version is **28.2326, 29.7029, 32.3464**.

A 20% lighter version of the original color is **60.2485, 57.9548, 57.3012**, and **12.8589, 11.6060, 10.7950** is the 20% darker color. If you saturate the color by 10%, you get **27.2662, 23.7739, 21.1770**, and if you desaturate by 10%, it is **34.7018, 34.6543, 35.9590**.

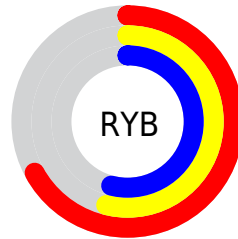
Distribution



Red (67%)

Green (54%)

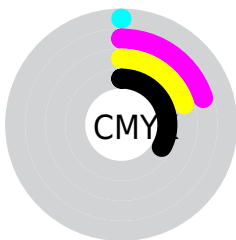
Blue (54%)



Red (67%)

Yellow (54%)

Blue (54%)

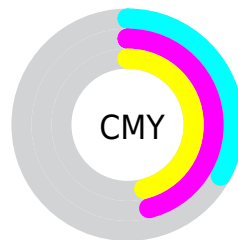


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6892, 28.7826, 27.9829 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 30.6892, 28.7826, 27.9829 by changing the saturation by 10% instead.


 30.6892, 28.7826,
27.9829

 30.6892, 28.7826,
27.9829


296.9564,
296.1878, 306.2946


 20.5130, 18.9164,
18.0738


 60.1296, 57.7315,
57.4799

 12.8789, 11.6099,
10.8330


 80.1245, 77.5830,
77.9049

 7.4216, 6.4786,
5.8419


 104.1229,
101.5318, 102.6724

 3.7758, 3.1383,
2.6820

132.4903,
129.9621, 132.2008

 1.5761, 1.2043,
0.9343

165.5920,
163.2585, 166.9086

 0.3768, 0.0652,
0.0000

203.7933,

 0.0000, 0.0000,

201.8054, 207.2145

0.0000

247.4597,
245.9870, 253.5370

■ 30.6892, 28.7826,
27.9829

■ 30.6892, 28.7826,
27.9829

■ 27.2662, 23.7739,
21.1770

■ 34.7018, 34.6543,
35.9590

■ 24.4027, 19.5839,
15.4846

■ 39.3274, 41.4227,
45.1547

■ 22.0698, 16.1701,
10.8470

■ 44.5910, 49.1247,
55.6189

■ 20.2349, 13.4851,
7.1994

■ 50.5155, 57.7939,
67.3971

■ 18.8617, 11.4757,
4.4698

■ 57.1228, 67.4621,
80.5328

■ 17.9094, 10.0820,
2.5767

■ 64.4337, 78.1598,
95.0673

■ 17.3294, 9.2333,
1.4241

■ 70.8234, 87.5107,
107.7662

■ 17.0201, 8.7806,
0.8093

■ 17.0135, 8.7711,
0.7963

Harmonies

Analogous

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



30.8827, 28.7826, 32.9386



30.6892, 28.7826, 27.9829



29.5824, 28.7826, 24.3311

Triad

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



30.6892, 28.7826, 27.9829



24.7858, 28.7826, 25.5322



26.8115, 28.7826, 42.0649

Complementary

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



30.6892, 28.7826, 27.9829



32.6799, 37.8860, 44.6203

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.



25.2461, 28.7826, 39.5787



30.6892, 28.7826, 27.9829



24.1104, 28.7826, 29.7927

Square

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



30.6892, 28.7826, 27.9829



26.1584, 28.7826, 23.0265



24.2752, 28.7826, 34.9540



28.5916, 28.7826, 41.4448

Rectangle

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



30.6892, 28.7826, 27.9829



28.5011, 28.7826, 22.9519



24.2752, 28.7826, 34.9540



26.2440, 28.7826, 41.5555

Sweetspot

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



30.6900, 28.7839, 27.9835



65.8931, 67.1686, 71.0778



33.5485, 29.9266, 43.0382



14.2092, 14.4350, 15.2264



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.



30.6900, 28.7839, 27.9835



52.6497, 47.7899, 44.7500



33.3224, 34.0487, 28.8610



8.0053, 8.0155, 8.3386



12.6608, 6.5271, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



32.6799, 37.8860, 44.6203



56.9662, 67.5342, 80.8387



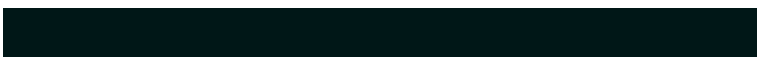
29.6493, 31.8249, 43.6101



8.2363, 9.0720, 10.2697



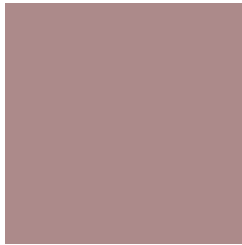
16.5174, 24.1687, 32.8390



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 30.6892, 28.7826, 27.9829 looks on a white background.

Color Contrast Check

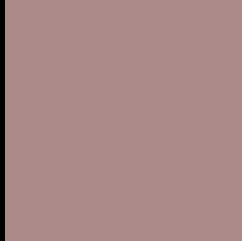
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6892, 28.7826, 27.9829 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

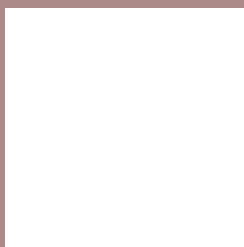
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6892, 28.7826, 27.9829

Background



This preview shows how black text looks on a background with the XYZ color 30.6892, 28.7826, 27.9829.



This preview shows how white text looks on a background with the XYZ color 30.6892, 28.7826,

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

30.6892, 28.7826, 27.9829

Protanopia

27.7390, 28.9948, 29.7257

Deuteranopia

29.3501, 28.7484, 27.6690



Tritanopia

31.4457, 28.8821, 31.5212

Trichromacy



Original Color

30.6892, 28.7826, 27.9829

Protanomaly

28.7307, 28.8371, 29.2511

Deuteranomaly

29.8298, 28.7778, 27.6494

Tritanomaly

31.2133, 28.7892, 30.2973

Monochromacy



Original Color

30.6892, 28.7826, 27.9829

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9119, 29.1282, 30.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6892, 28.7826, 27.9829 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(172, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 138)  
}
```

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(172, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.6892, 28.7826, 27.9829 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(172, 138, 138) }
```


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

```
.border{ border-color:rgb(172, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6892, 28.7826, 27.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 138) }
```

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

```
.background{ background-color: rgb(172,  
138, 138) }
```

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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