

Converting Colors

XYZ(30.9036, 28.8079, 30.8344)

Have a look what the booklet for
XYZ(30.9036, 28.8079, 30.8344)
contains.

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Color

**XYZ(30.9939, 28.8792,
30.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8A91
RGB	171, 138, 145
RGB Percent	67%, 54%, 57%
CMY	0.3294, 0.4588, 0.4314
CMYK	0.00, 0.19, 0.15, 0.33
HSL	347°, 16%, 61%
HSV	347°, 19%, 67%
XYZ	30.9939, 28.8792, 30.7288
YIQ	148.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

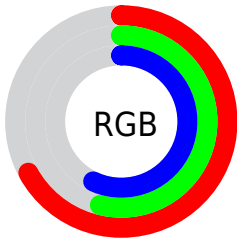
Format	Color
RYB	171, 138, 145
Decimal	11242129
CIELab	60.67, 13.66, 1.01
CIElCh	61, 13.693, 4.233
Yxy	28.8792, 0.3421, 0.3187
Android (android.graphics.Color)	4289432209 (0xFFAB8A91)
YUV	148.6650, -1.8068, 19.5878
Hunter-Lab	53.7394, 8.9050, 3.7148

Details

The XYZ color **30.9939, 28.8792, 30.7288** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.7461, 37.2101, 40.6328**, and the grayscale version is **28.4292, 29.9098, 32.5718**.

A 20% lighter version of the original color is **60.8370, 58.1537, 62.0512**, and **13.0265, 11.6572, 12.3900** is the 20% darker color. If you saturate the color by 10%, you get **27.7530, 23.9625, 24.8230**, and if you desaturate by 10%, it is **34.7459, 34.6204, 37.4137**.

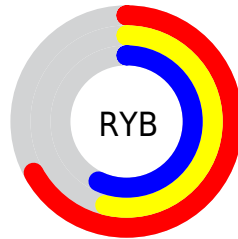
Distribution



Red (67%)

Green (54%)

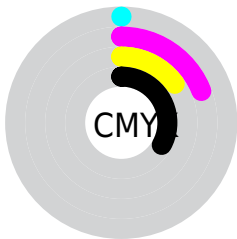
Blue (57%)



Red (67%)

Yellow (54%)

Blue (57%)

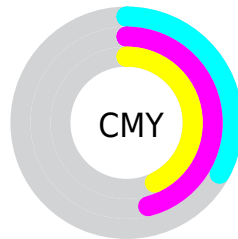


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (46%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9939, 28.8792, 30.7288 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 30.9939, 28.8792, 30.7288 by changing the saturation by 10% instead.


 30.9939, 28.8792,
30.7288

 30.9939, 28.8792,
30.7288


298.3376,
296.6446, 319.5994


 20.7460, 18.9895,
20.1357


 60.6064, 57.8851,
61.8874

 13.0499, 11.6627,
12.3087


 80.7017, 77.7701,
83.2900

 7.5401, 6.5144,
6.8292


 104.8101,
101.7555, 109.1328

 3.8514, 3.1603,
3.2787

133.2971,
130.2259, 139.8344

 1.6184, 1.2160,
1.2386

166.5280,
163.5656, 175.8133

 0.4044, 0.0747,
0.0107

204.8682,

 0.0000, 0.0000,

202.1590, 217.4881

0.0000

248.6829,
246.3906, 265.2773

■ 30.9939, 28.8792,
30.7288

■ 30.9939, 28.8792,
30.7288

■ 27.7530, 23.9625,
24.8230

■ 34.7459, 34.6204,
37.4137

■ 24.9985, 19.8285,
19.6658

■ 39.0276, 41.2174,
44.9028

■ 22.7072, 16.4378,
15.2275

■ 43.8595, 48.7049,
53.2227

■ 20.8531, 13.7461,
11.4755

■ 49.2603, 57.1143,
62.3980

■ 19.4073, 11.7040,
8.3748

■ 55.2479, 66.4755,
72.4521

■ 18.3376, 10.2559,
5.8871

■ 61.8392, 76.8171,
83.4078

■ 17.6066, 9.3368,
3.9697

■ 68.1819, 86.4289,
94.9973

■ 17.1450, 8.8190,
2.5662

■ 70.2513, 87.2566,
105.8950

■ 17.1172, 8.7870,
2.4839

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



30.6375, 28.8792, 35.8864



30.9939, 28.8792, 30.7288



30.3673, 28.8792, 26.2617

Triad

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



30.9939, 28.8792, 30.7288



25.5738, 28.8792, 24.0381



25.9922, 28.8792, 41.0907

Complementary

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



30.9939, 28.8792, 30.7288



31.7461, 37.2101, 40.6328

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.



24.7236, 28.8792, 37.2680



30.9939, 28.8792, 30.7288



24.4894, 28.8792, 27.3852

Square

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



30.9939, 28.8792, 30.7288



27.1977, 28.8792, 22.6718



24.1849, 28.8792, 32.1713



27.7014, 28.8792, 42.2305

Rectangle

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



30.9939, 28.8792, 30.7288



29.4917, 28.8792, 24.1638



24.1849, 28.8792, 32.1713



25.5025, 28.8792, 40.0580

Sweetspot

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



30.9947, 28.8805, 30.7294



64.5691, 65.6023, 71.1253



31.7190, 28.9951, 42.4532



14.2949, 14.4692, 15.6782



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.



30.9947, 28.8805, 30.7294



53.0149, 47.9282, 50.5205



31.8712, 31.4705, 28.4409



8.0722, 8.0421, 8.6908



12.9201, 6.6306, 1.9585



0.3789, 0.1922, 0.1569

Inverse Universe

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



30.9947, 28.8805, 30.7294



53.0149, 47.9282, 50.5205



30.6917, 34.0620, 43.4854



8.0722, 8.0421, 8.6908



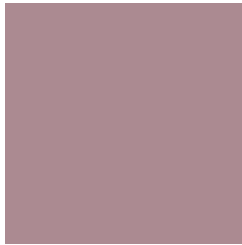
12.9201, 6.6306, 1.9585



0.3789, 0.1922, 0.1569

Previews

White Background



This preview shows how the XYZ color 30.9939, 28.8792, 30.7288 looks on a white background.

Color Contrast Check

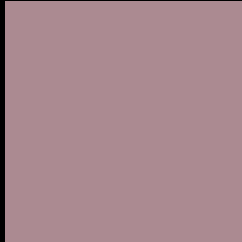
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9939, 28.8792, 30.7288 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 30.9939, 28.8792, 30.7288

Background



This preview shows how black text looks on a background with the XYZ color 30.9939, 28.8792, 30.7288.



This preview shows how white text looks on a background with the XYZ color 30.9939, 28.8792,

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

30.9939, 28.8792, 30.7288

Protanopia

27.9164, 29.0236, 32.5645

Deuteranopia

29.4050, 28.9367, 30.4211



Tritanopia

31.0855, 28.6874, 31.9158

Trichromacy



Original Color

30.9939, 28.8792, 30.7288

Protanomaly

28.8781, 28.8510, 32.0637

Deuteranomaly

30.0760, 29.0627, 30.4100

Tritanomaly

31.0067, 28.6558, 31.5007

Monochromacy



Original Color

30.9939, 28.8792, 30.7288

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3753, 29.5570, 32.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9939, 28.8792, 30.7288 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(171, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 145)  
}
```

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(171, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.9939, 28.8792, 30.7288 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(171, 138, 145) }
```


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

```
.border{ border-color:rgb(171, 138, 145) }
```

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

Here you see how a box with a 4 pixel rgb(171, 138, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(171, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9939, 28.8792, 30.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 145) }
```

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

```
.background{ background-color: rgb(171,  
138, 145) }
```

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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