

Converting Colors

XYZ(30.8552, 28.7380, 32.0064)

Have a look what the booklet for
XYZ(30.8552, 28.7380, 32.0064)
contains.

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Color

**XYZ(30.7960, 28.7501,
31.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	A98A94
RGB	169, 138, 148
RGB Percent	66%, 54%, 58%
CMY	0.3373, 0.4588, 0.4196
CMYK	0.00, 0.18, 0.12, 0.34
HSL	341°, 15%, 60%
HSV	341°, 18%, 66%
XYZ	30.7960, 28.7501, 31.9432
YIQ	148.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

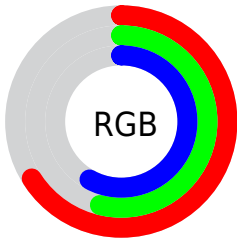
Format	Color
RYB	169, 138, 148
Decimal	11111060
CIELab	60.56, 13.42, -0.89
CIELCh	61, 13.445, 356.194
Yxy	28.7501, 0.3366, 0.3142
Android (android.graphics.Color)	4289301140 (0xFFA98A94)
YUV	148.4090, -0.2016, 18.0583
Hunter-Lab	53.6191, 8.6875, 2.2118

Details

The XYZ color **30.7960, 28.7501, 31.9432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9284, 36.2832, 38.1759**, and the grayscale version is **28.3162, 29.7908, 32.4422**.

A 20% lighter version of the original color is **60.2508, 57.8108, 63.8602**, and **12.9835, 11.6244, 12.8687** is the 20% darker color. If you saturate the color by 10%, you get **27.6956, 23.9284, 26.6575**, and if you desaturate by 10%, it is **34.3650, 34.3648, 37.8281**.

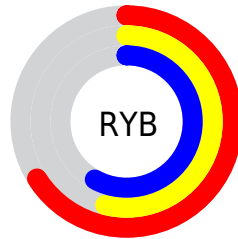
Distribution



Red (66%)

Green (54%)

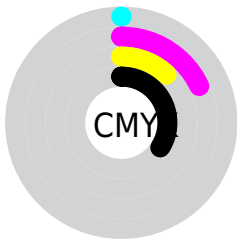
Blue (58%)



Red (66%)

Yellow (54%)

Blue (58%)

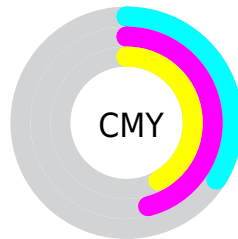


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7960, 28.7501, 31.9432 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 30.7960, 28.7501, 31.9432 by changing the saturation by 10% instead.

■ 30.7960, 28.7501,
31.9432

■ 30.7960, 28.7501,
31.9432

297.4411,
296.0340, 325.3452

■ 20.5946, 18.8919,
21.0537

■ 60.2968, 57.6798,
63.8189

■ 12.9388, 11.5922,
12.9716

■ 80.3269, 77.5201,
85.6422

■ 7.4631, 6.4666,
7.2785

■ 104.3640,
101.4564, 111.9470

■ 3.8023, 3.1308,
3.5558

132.7733,
129.8733, 143.1521

■ 1.5909, 1.2004,
1.3850

165.9204,
163.1552, 179.6760

■ 0.3865, 0.0620,
0.1299

204.1705,

■ 0.0000, 0.0000,

201.6863, 221.9370

0.0000

247.8889,
245.8511, 270.3539

■ 30.7960, 28.7501,
31.9432

■ 30.7960, 28.7501,
31.9432

■ 27.6956, 23.9284,
26.6575

■ 34.3650, 34.3648,
37.8281

■ 25.0414, 19.8601,
21.9498

■ 38.4188, 40.8022,
44.3289

■ 22.8127, 16.5078,
17.8000

■ 42.9761, 48.0951,
51.4639

■ 20.9862, 13.8295,
14.1864

■ 48.0536, 56.2735,
59.2499

■ 19.5363, 11.7786,
11.0856

■ 53.6674, 65.3659,
67.7035

■ 18.4340, 10.3027,
8.4723

■ 59.8326, 75.3994,
76.8401

■ 17.6463, 9.3406,
6.3184

■ 66.1465, 85.5648,
86.5358

■ 17.1166, 8.7855,
4.5871

■ 67.7908, 86.2225,
95.1945

■ 17.0402, 8.7062,
4.3349

■ 69.5424, 86.9231,
104.4181

Harmonies

Analogous

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



30.1964, 28.7501, 36.9333



30.7960, 28.7501, 31.9432



30.4340, 28.7501, 27.2687

Triad

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



30.7960, 28.7501, 31.9432



25.8782, 28.7501, 23.4815



25.5096, 28.7501, 39.9437

Complementary

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



30.7960, 28.7501, 31.9432



30.9284, 36.2832, 38.1759

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.



24.4374, 28.7501, 35.7189



30.7960, 28.7501, 31.9432



24.6437, 28.7501, 26.2779

Square

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



30.7960, 28.7501, 31.9432



27.5484, 28.7501, 22.6968



24.1272, 28.7501, 30.6733



27.1050, 28.7501, 41.8511

Rectangle

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



30.7960, 28.7501, 31.9432



29.7039, 28.7501, 24.8958



24.1272, 28.7501, 30.6733



25.0787, 28.7501, 38.7270

Sweetspot

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



30.7968, 28.7514, 31.9438



63.0903, 63.9901, 70.2511



30.4830, 28.3798, 41.4078



13.6574, 13.7990, 15.1605



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7968, 28.7514, 31.9438



52.8052, 47.8242, 53.2453



30.7981, 29.9663, 28.2071



7.6271, 7.5807, 8.3536



12.7220, 6.4975, 3.3476



0.3327, 0.1674, 0.2037

Inverse Universe

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



30.7968, 28.7514, 31.9438



52.8052, 47.8242, 53.2453



30.8893, 34.7600, 42.6179



7.6271, 7.5807, 8.3536



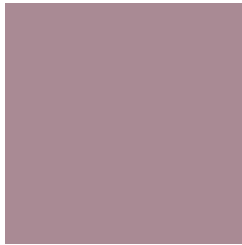
12.7220, 6.4975, 3.3476



0.3327, 0.1674, 0.2037

Previews

White Background



This preview shows how the XYZ color 30.7960, 28.7501, 31.9432 looks on a white background.

Color Contrast Check

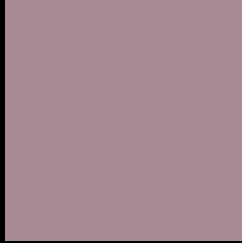
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7960, 28.7501, 31.9432 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 30.7960, 28.7501, 31.9432

Background



This preview shows how black text looks on a background with the XYZ color 30.7960, 28.7501, 31.9432.



This preview shows how white text looks on a background with the XYZ color 30.7960, 28.7501,

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

30.7960, 28.7501, 31.9432

Protanopia

27.8255, 28.7208, 33.7829

Deuteranopia

29.4367, 28.9262, 31.6356



Tritanopia

30.8755, 28.7819, 32.3619

Trichromacy



Original Color

30.7960, 28.7501, 31.9432

Protanomaly

28.7765, 28.5489, 33.2720

Deuteranomaly

29.8956, 28.9429, 31.6146

Tritanomaly

30.8755, 28.7819, 32.3619

Monochromacy



Original Color

30.7960, 28.7501, 31.9432

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0289, 29.1526, 32.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7960, 28.7501, 31.9432 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(169, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(169, 138, 148)  
}
```

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(169, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 138, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.7960, 28.7501, 31.9432 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(169, 138, 148) }
```


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

```
.border{ border-color:rgb(169, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(169, 138,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7960, 28.7501, 31.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 138, 148) }
```

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

```
.background{ background-color: rgb(169,  
138, 148) }
```

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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