

Converting Colors

XYZ(31.0486, 28.1286, 32.8970)

Have a look what the booklet for
XYZ(31.0486, 28.1286, 32.8970)
contains.

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Color

**XYZ(31.0445, 28.2202,
33.0890)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB8797 |
| RGB | 171, 135, 151 |
| RGB Percent | 67%, 53%, 59% |
| CMY | 0.3294, 0.4706, 0.4078 |
| CMYK | 0.00, 0.21, 0.12, 0.33 |
| HSL | 333°, 18%, 60% |
| HSV | 333°, 21%, 67% |
| XYZ | 31.0445, 28.2202, 33.0890 |
| YIQ | 147.5880, 16.3200, 12.6080 |

Conversions

Conversions Part 2

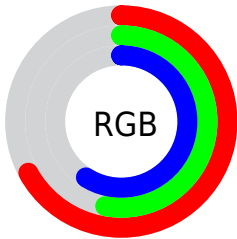
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 171, 135, 151 |
| Decimal | 11241367 |
| CIELab | 60.09, 16.38, -3.28 |
| CIElCh | 60, 16.701, 348.678 |
| Yxy | 28.2202, 0.3361, 0.3056 |
| Android (android.graphics.Color) | 4289431447 (0xFFAB8797) |
| YUV | 147.5880, 1.6821, 20.5323 |
| Hunter-Lab | 53.1227, 11.3494, 0.2554 |

Details

The XYZ color **31.0445, 28.2202, 33.0890** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4721, 36.6441, 36.4790**, and the grayscale version is **27.9660, 29.4224, 32.0410**.

A 20% lighter version of the original color is **60.6812, 56.7051, 65.5045**, and **13.0200, 11.2687, 13.5454** is the 20% darker color. If you saturate the color by 10%, you get **28.1069, 23.5303, 28.4553**, and if you desaturate by 10%, it is **34.4291, 33.7039, 38.1792**.

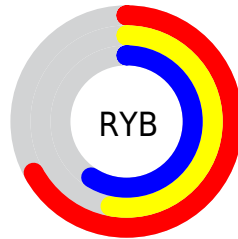
Distribution



Red (67%)

Green (53%)

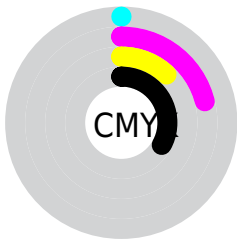
Blue (59%)



Red (67%)

Yellow (53%)

Blue (59%)

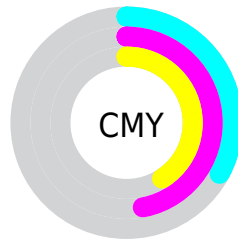


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0445, 28.2202, 33.0890 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 31.0445, 28.2202, 33.0890 by changing the saturation by 10% instead.

■ 31.0445, 28.2202,
33.0890

■ 31.0445, 28.2202,
33.0890

298.5665,
293.5176, 330.6949

■ 20.7847, 18.4917,
21.9230

■ 60.6855, 56.8358,
65.6321

■ 13.0783, 11.3036,
13.6025

■ 80.7974, 76.4917,
87.8462

■ 7.5599, 6.2714,
7.7092

■ 104.9241,
100.2256, 114.5800

■ 3.8640, 3.0108,
3.8243

133.4309,
128.4217, 146.2522

■ 1.6255, 1.1374,
1.5295

166.6832,
161.4646, 183.2813

■ 0.4089, 0.0096,
0.2397

205.0463,

■ 0.0000, 0.0000,

199.7387, 226.0857

0.0000

248.8856,
243.6282, 275.0841

■ 31.0445, 28.2202,
33.0890

■ 31.0445, 28.2202,
33.0890

■ 28.1069, 23.5303,
28.4553

■ 34.4291, 33.7039,
38.1792

■ 25.5943, 19.5932,
24.2625

■ 38.2767, 40.0123,
43.7373

■ 23.4860, 16.3703,
20.4966

■ 42.6056, 47.1792,
49.7762

■ 21.7590, 13.8176,
17.1423

■ 47.4321, 55.2354,
56.3081

■ 20.3875, 11.8863,
14.1828

■ 52.7720, 64.2102,
63.3445

■ 19.3424, 10.5210,
11.6000

■ 58.6402, 74.1314,
70.8965

■ 18.5896, 9.6562,
9.3736

■ 65.0510, 85.0259,
78.9748

■ 18.0991, 9.1797,
7.6541

■ 66.4210, 85.7245,
85.7243

■ 67.7691, 86.2638,
92.8235

Harmonies

Analogous

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



30.0192, 28.2202, 39.1456



31.0445, 28.2202, 33.0890



30.8947, 28.2202, 27.1197

Triad

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



31.0445, 28.2202, 33.0890



25.5314, 28.2202, 20.8963



24.2067, 28.2202, 40.4104

Complementary

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



31.0445, 28.2202, 33.0890



30.4721, 36.6441, 36.4790

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.



23.1247, 28.2202, 34.6408



31.0445, 28.2202, 33.0890



23.8611, 28.2202, 23.6112

Square

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



31.0445, 28.2202, 33.0890



27.6350, 28.2202, 20.5963



23.0017, 28.2202, 28.4802



26.0260, 28.2202, 43.7308

Rectangle

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



31.0445, 28.2202, 33.0890



30.1503, 28.2202, 23.9608



23.0017, 28.2202, 28.4802



23.7489, 28.2202, 38.6603

Sweetspot

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



31.0453, 28.2215, 33.0896



64.9615, 65.7592, 73.1920



29.4949, 27.2184, 42.2277



14.3909, 14.5075, 16.1835



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.



31.0453, 28.2215, 33.0896



53.1929, 46.6826, 55.5175



30.0860, 28.2430, 26.7888



8.1476, 8.0723, 9.0880



13.6696, 6.9304, 5.9054



0.4081, 0.2039, 0.3107

Inverse Universe

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



31.0453, 28.2215, 33.0896



53.1929, 46.6826, 55.5175



31.5685, 36.5424, 43.9181



8.1476, 8.0723, 9.0880



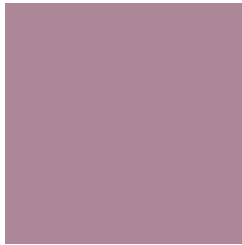
13.6696, 6.9304, 5.9054



0.4081, 0.2039, 0.3107

Previews

White Background



This preview shows how the XYZ color 31.0445, 28.2202, 33.0890 looks on a white background.

Color Contrast Check

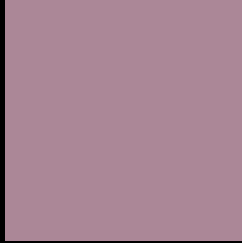
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0445, 28.2202, 33.0890 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 31.0445, 28.2202, 33.0890

Background



This preview shows how black text looks on a background with the XYZ color 31.0445, 28.2202, 33.0890.



This preview shows how white text looks on a background with the XYZ color 31.0445, 28.2202,

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

31.0445, 28.2202, 33.0890

Protanopia

27.5607, 28.3101, 35.9101

Deuteranopia

28.9345, 28.4199, 32.8147



Tritanopia

30.5700, 28.2297, 31.0318

Trichromacy



Original Color

31.0445, 28.2202, 33.0890

Protanomaly

28.7677, 28.2863, 34.9539

Deuteranomaly

29.6379, 28.3486, 32.7639

Tritanomaly

30.7270, 28.2925, 31.8585

Monochromacy



Original Color

31.0445, 28.2202, 33.0890

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9576, 28.8828, 32.4825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0445, 28.2202, 33.0890 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, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 151)  
}
```

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, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 151) }
```

Border

The CSS property to change the border of an element to XYZ 31.0445, 28.2202, 33.0890 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, 135, 151) }
```


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

```
.border{ border-color:rgb(171, 135, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0445, 28.2202, 33.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 151) }
```

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

```
.background{ background-color: rgb(171,  
135, 151) }
```

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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