

Converting Colors

XYZ(31.2741, 28.5913, 31.0424)

Have a look what the booklet for
XYZ(31.2741, 28.5913, 31.0424)
contains.

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Color

**XYZ(31.2260, 28.5679,
31.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8892
RGB	173, 136, 146
RGB Percent	68%, 53%, 57%
CMY	0.3216, 0.4666, 0.4274
CMYK	0.00, 0.21, 0.16, 0.32
HSL	344°, 18%, 61%
HSV	344°, 21%, 68%
XYZ	31.2260, 28.5679, 31.0625
YIQ	148.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

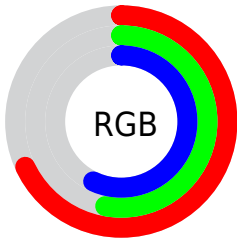
Format	Color
RYB	173, 136, 146
Decimal	11372690
CIELab	60.40, 15.70, 0.06
CIElCh	60, 15.705, 0.222
Yxy	28.5679, 0.3437, 0.3144
Android (android.graphics.Color)	4289562770 (0xFFAD8892)
YUV	148.2030, -1.0861, 21.7470
Hunter-Lab	53.4489, 10.7478, 2.9572

Details

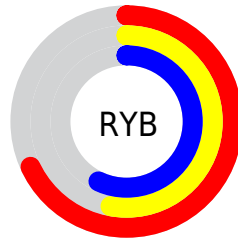
The XYZ color **31.2260, 28.5679, 31.0625** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.7089, 37.7663, 40.2705**, and the grayscale version is **28.2326, 29.7029, 32.3464**.

A 20% lighter version of the original color is **60.9360, 57.2233, 62.4771**, and **13.1848, 11.4932, 12.5898** is the 20% darker color. If you saturate the color by 10%, you get **28.0550, 23.7115, 25.4247**, and if you desaturate by 10%, it is **34.9004, 34.2568, 37.4039**.

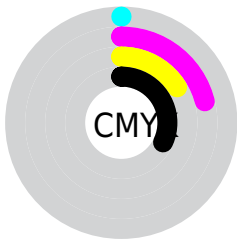
Distribution



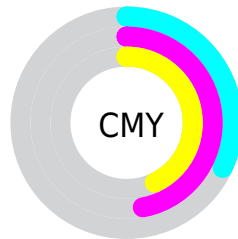
- Red (68%)
- Green (53%)
- Blue (57%)



- Red (68%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (32%)




- Cyan (32%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2260, 28.5679, 31.0625 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 31.2260, 28.5679, 31.0625 by changing the saturation by 10% instead.


 31.2260, 28.5679,
31.0625


 31.2260, 28.5679,
31.0625


299.3865,
295.1707, 321.1863


 20.9237, 18.7542,
20.3876


 60.9691, 57.3899,
62.4192

 13.1804, 11.4928,
12.4902


 81.1407, 77.1669,
83.9380

 7.6307, 6.3993,
6.9519


 105.3326,
101.0338, 109.9086

 3.9094, 3.0894,
3.3540

133.9104,
129.3750, 140.7495

 1.6510, 1.1786,
1.2781

167.2393,
162.5749, 176.8791

 0.4253, 0.0441,
0.0438

205.6847,

 0.0000, 0.0000,

201.0179, 218.7161

0.0000

249.6120,
245.0884, 266.6790

■ 31.2260, 28.5679,
31.0625

■ 31.2260, 28.5679,
31.0625

■ 28.0550, 23.7115,
25.4247

■ 34.9004, 34.2568,
37.4039

■ 25.3626, 19.6447,
20.4640

■ 39.0967, 40.8108,
44.4707

■ 23.1255, 16.3265,
16.1546


■ 43.8353, 48.2655,
52.2858


■ 21.3175, 13.7107,
12.4687


■ 49.1351, 56.6533,
60.8706


■ 19.9096, 11.7459,
9.3759


■ 55.0136, 66.0051,
70.2456


 18.8690, 10.3737,
6.8433


 61.4880, 76.3502,
80.4305

 18.1573, 9.5249,
4.8344

 67.8995, 86.3666,
91.2195

 17.7416, 9.0875,
3.4815

 69.7828, 87.1199,
101.1372

 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



30.6663, 28.5679, 36.9649



31.2260, 28.5679, 31.0625



30.6500, 28.5679, 25.8347

Triad

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



31.2260, 28.5679, 31.0625



25.2440, 28.5679, 22.4482



25.2689, 28.5679, 41.7963

Complementary

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



31.2260, 28.5679, 31.0625



31.7089, 37.7663, 40.2705

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.



23.9325, 28.5679, 37.0487



31.2260, 28.5679, 31.0625



23.9187, 28.5679, 25.9007

Square

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



31.2260, 28.5679, 31.0625



27.1379, 28.5679, 21.2535



23.4504, 28.5679, 31.1487



27.1680, 28.5679, 43.6107

Rectangle

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



31.2260, 28.5679, 31.0625



29.7152, 28.5679, 23.3145



23.4504, 28.5679, 31.1487



24.7424, 28.5679, 40.4637

Sweetspot

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



31.2268, 28.5692, 31.0631



66.3540, 67.3524, 73.5065



31.3534, 28.3625, 43.3573



14.3187, 14.4787, 15.8037



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.



31.2268, 28.5692, 31.0631



52.9360, 46.5741, 50.3587



31.6542, 30.6146, 27.5351



8.0908, 8.0496, 8.7891



13.0549, 6.6845, 2.6683



0.3862, 0.1952, 0.1954

Inverse Universe

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



31.2268, 28.5692, 31.0631



52.9360, 46.5741, 50.3587



31.1493, 35.1564, 44.6794



8.0908, 8.0496, 8.7891



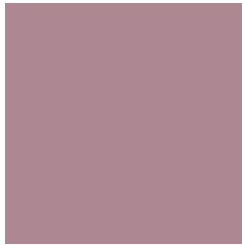
13.0549, 6.6845, 2.6683



0.3862, 0.1952, 0.1954

Previews

White Background



This preview shows how the XYZ color 31.2260, 28.5679, 31.0625 looks on a white background.

Color Contrast Check

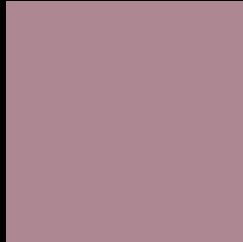
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2260, 28.5679, 31.0625 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 31.2260, 28.5679, 31.0625

Background



This preview shows how black text looks on a background with the XYZ color 31.2260, 28.5679, 31.0625.



This preview shows how white text looks on a background with the XYZ color 31.2260, 28.5679,

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

31.2260, 28.5679, 31.0625

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

29.1329, 28.5677, 30.7667



Tritanopia

31.2260, 28.5679, 31.0625

Trichromacy



Original Color

31.2260, 28.5679, 31.0625

Protanomaly

28.8081, 28.5838, 32.4327

Deuteranomaly

29.8605, 28.5089, 30.7170

Tritanomaly

31.2260, 28.5679, 31.0625

Monochromacy



Original Color

31.2260, 28.5679, 31.0625

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1443, 29.2212, 31.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2260, 28.5679, 31.0625 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(173, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 136, 146)  
}
```

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(173, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 136, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.2260, 28.5679, 31.0625 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(173, 136, 146) }
```


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

```
.border{ border-color:rgb(173, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 136,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2260, 28.5679, 31.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 136, 146) }
```

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

```
.background{ background-color: rgb(173,  
136, 146) }
```

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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