

Converting Colors

XYZ(31.0552, 29.3671, 29.6228)

Have a look what the booklet for
XYZ(31.0552, 29.3671, 29.6228)
contains.

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Color

**XYZ(31.0552, 29.3671,
29.6228)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8C8E
RGB	171, 140, 142
RGB Percent	67%, 55%, 56%
CMY	0.3294, 0.4510, 0.4431
CMYK	0.00, 0.18, 0.17, 0.33
HSL	356°, 16%, 61%
HSV	356°, 18%, 67%
XYZ	31.0552, 29.3671, 29.6228
YIQ	149.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

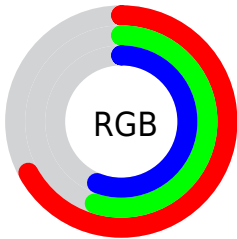
Format	Color
R_{YB}	171, 140, 142
Decimal	11242638
CIE _{Lab}	61.10, 12.03, 3.34
CIE _{LCh}	61, 12.488, 15.533
Yxy	29.3671, 0.3449, 0.3261
Android (android.graphics.Color)	4289432718 (0xFFAB8C8E)
YUV	149.4970, -3.6960, 18.8581
Hunter-Lab	54.1914, 7.4571, 5.5241

Details

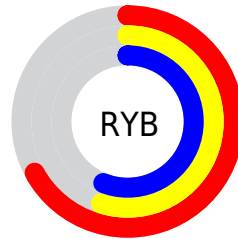
The XYZ color **31.0552, 29.3671, 29.6228** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5408, 37.5667, 43.0741**, and the grayscale version is **28.7870, 30.2862, 32.9817**.

A 20% lighter version of the original color is **60.9341, 58.9000, 60.3818**, and **13.0591, 11.9366, 11.7409** is the 20% darker color. If you saturate the color by 10%, you get **27.6319, 24.3066, 22.9748**, and if you desaturate by 10%, it is **35.0409, 35.2759, 37.3096**.

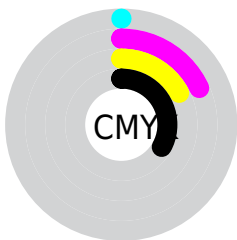
Distribution



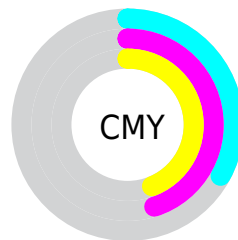
- Red (67%)
- Green (55%)
- Blue (56%)



- Red (67%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0552, 29.3671, 29.6228 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 31.0552, 29.3671, 29.6228 by changing the saturation by 10% instead.

■ 31.0552, 29.3671,
29.6228

■ 31.0552, 29.3671,
29.6228

298.6149,
298.9431, 314.2947

■ 20.7929, 19.3587,
19.3028

■ 60.7022, 58.6598,
60.1191

■ 13.0843, 11.9298,
11.7103

■ 80.8177, 78.7130,
81.1325

■ 7.5640, 6.6959,
6.4266

■ 104.9482,
102.8831, 106.5475

■ 3.8667, 3.2726,
3.0332

133.4592,
131.5547, 136.7825

■ 1.6270, 1.2757,
1.1116

166.7160,
165.1121, 172.2562

■ 0.4099, 0.1222,
0.0000

205.0840,

■ 0.0000, 0.0000,

203.9397, 213.3871

0.0000

248.9285,
248.4219, 260.5938

■ 31.0552, 29.3671,
29.6228

■ 31.0552, 29.3671,
29.6228

■ 27.6319, 24.3066,
22.9748

■ 35.0409, 35.2759,
37.3096

■ 24.7433, 20.0516,
17.3192

■ 39.6101, 42.0650,
46.0750

■ 22.3632, 16.5618,
12.6091

■ 44.7859, 49.7701,
55.9593

■ 20.4620, 13.7918,
8.7927

■ 50.5893, 58.4233,
66.9998

■ 19.0072, 11.6914,
5.8135

■ 57.0405, 68.0552,
79.2322

■ 17.9623, 10.2038,
3.6086

■ 64.1586, 78.6954,
92.6909

■ 17.2848, 9.2629,
2.1060

■ 70.4426, 87.3332,
106.9021

■ 16.9089, 8.7593,
1.2154

■ 70.6048, 87.3980,
107.7560

■ 16.8553, 8.6822,
1.1046

Harmonies

Analogous

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



31.0715, 29.3671, 34.2803



31.0552, 29.3671, 29.6228



30.1752, 29.3671, 25.9663

Triad

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



31.0552, 29.3671, 29.6228



25.7267, 29.3671, 26.0696



27.1338, 29.3671, 41.5191

Complementary

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



31.0552, 29.3671, 29.6228



32.5408, 37.5667, 43.0741

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.



25.7659, 29.3671, 38.8475



31.0552, 29.3671, 29.6228



24.9753, 29.3671, 29.7770

Square

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



31.0552, 29.3671, 29.6228



27.0784, 29.3671, 24.0557



24.9894, 29.3671, 34.4502



28.7637, 29.3671, 41.4675

Rectangle

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



31.0552, 29.3671, 29.6228



29.2361, 29.3671, 24.4550



24.9894, 29.3671, 34.4502



26.6295, 29.3671, 40.8992

Sweetspot

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



31.0560, 29.3684, 29.6234



65.1295, 66.7009, 71.3806



33.0776, 30.1254, 42.5999



14.4034, 14.6952, 15.6862



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.



31.0560, 29.3684, 29.6234



52.8851, 48.5516, 47.7555



32.9914, 33.4771, 29.5354



8.0254, 8.0234, 8.4445



12.7138, 6.5480, 0.8721



0.3603, 0.1848, 0.0591

Inverse Universe

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



31.0560, 29.3684, 29.6234



52.8851, 48.5516, 47.7555



30.3201, 32.8230, 43.2659



8.0254, 8.0234, 8.4445



12.7138, 6.5480, 0.8721



0.3603, 0.1848, 0.0591

Previews

White Background



This preview shows how the XYZ color 31.0552, 29.3671, 29.6228 looks on a white background.

Color Contrast Check

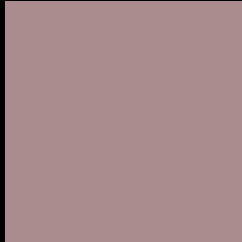
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0552, 29.3671, 29.6228 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 31.0552, 29.3671, 29.6228

Background



This preview shows how black text looks on a background with the XYZ color 31.0552, 29.3671, 29.6228.



This preview shows how white text looks on a background with the XYZ color 31.0552, 29.3671,

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

31.0552, 29.3671, 29.6228

Protanopia

28.3845, 29.5221, 31.3964

Deuteranopia

29.9400, 29.4605, 29.3077



Tritanopia

31.7509, 29.4379, 32.8628

Trichromacy



Original Color

31.0552, 29.3671, 29.6228

Protanomaly

29.1846, 29.2600, 30.8976

Deuteranomaly

30.4171, 29.4846, 29.2872

Tritanomaly

31.5123, 29.3425, 31.6065

Monochromacy



Original Color

31.0552, 29.3671, 29.6228

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3718, 29.8012, 31.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0552, 29.3671, 29.6228 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, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 142)  
}
```

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, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 31.0552, 29.3671, 29.6228 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, 140, 142) }
```


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

```
.border{ border-color:rgb(171, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0552, 29.3671, 29.6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 142) }
```

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

```
.background{ background-color: rgb(171,  
140, 142) }
```

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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