

Converting Colors

XYZ(29.7033, 28.7889, 31.0217)

Have a look what the booklet for
XYZ(29.7033, 28.7889, 31.0217)
contains.

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Color

**XYZ(29.8174, 28.9116,
31.2031)**

Conversions

Conversions Part 1

Format	Color
Hex	A38D92
RGB	163, 141, 146
RGB Percent	64%, 55%, 57%
CMY	0.3608, 0.4470, 0.4274
CMYK	0.00, 0.13, 0.10, 0.36
HSL	346°, 11%, 60%
HSV	346°, 13%, 64%
XYZ	29.8174, 28.9116, 31.2031
YIQ	148.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

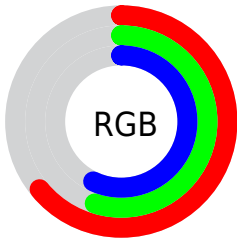
Format	Color
R_{YB}	163, 141, 146
Decimal	10718610
CIE Lab	60.70, 9.12, 0.39
CIE LCh	61, 9.130, 2.440
Yxy	28.9116, 0.3316, 0.3215
Android (android.graphics.Color)	4288908690 (0xFFA38D92)
YUV	148.1480, -1.0590, 13.0252
Hunter-Lab	53.7695, 4.8889, 3.2319

Details

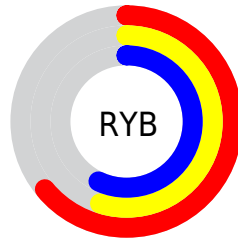
The XYZ color **29.8174, 28.9116, 31.2031** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2543, 34.3264, 37.3804**, and the grayscale version is **28.2116, 29.6808, 32.3224**.

A 20% lighter version of the original color is **58.8539, 58.1058, 62.7572**, and **12.4080, 11.7062, 12.6719** is the 20% darker color. If you saturate the color by 10%, you get **26.6622, 24.0836, 25.5803**, and if you desaturate by 10%, it is **33.4360, 34.4928, 37.5139**.

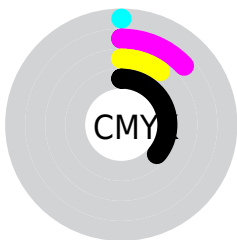
Distribution



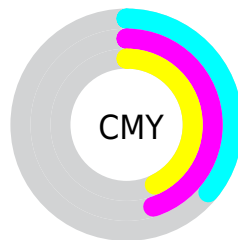
- Red (64%)
- Green (55%)
- Blue (57%)



- Red (64%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8174, 28.9116, 31.2031 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 29.8174, 28.9116, 31.2031 by changing the saturation by 10% instead.


 29.8174, 28.9116,
31.2031


 29.8174, 28.9116,
31.2031


292.9775,
296.7976, 321.8530


 19.8474, 19.0140,
20.4938


 58.7619, 57.9366,
62.6430

 12.3918, 11.6804,
12.5669


 78.4671, 77.8328,
84.2107

 7.0852, 6.5264,
7.0038

 102.1481,
101.8305, 110.2349

 3.5622, 3.1677,
3.3860

130.1703,
130.3143, 141.1342

 1.4576, 1.2199,
1.2949

162.8990,
163.6686, 177.3271

 0.2967, 0.0779,
0.0576

200.6995,

 0.0000, 0.0000,

202.2776, 219.2322

0.0000

243.9372,
246.5258, 267.2680

■ 29.8174, 28.9116,
31.2031

■ 29.8174, 28.9116,
31.2031

■ 26.6622, 24.0836,
25.5803

■ 33.4360, 34.4928,
37.5139

■ 23.9490, 19.9729,
20.6200

■ 37.5334, 40.8537,
44.5331

■ 21.6585, 16.5461,
16.2981

■ 42.1270, 48.0240,
52.2826

■ 19.7688, 13.7659,
12.5882

■ 47.2331, 56.0309,
60.7829

■ 18.2563, 11.5913,
9.4619

■ 52.8667, 64.9002,
70.0535

■ 17.0944, 9.9767,
6.8886

■ 59.0427, 74.6567,
80.1133

■ 16.2533, 8.8697,
4.8346

■ 65.7416, 85.2575,
90.9695

■ 15.6975, 8.2081,
3.2623

■ 67.6186, 86.0083,
100.8535

■ 15.4387, 7.9203,
2.4678

■ 68.9144, 86.5266,
107.6769

Harmonies

Analogous

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



29.5476, 28.9116, 34.5938



29.8174, 28.9116, 31.2031



29.4460, 28.9116, 28.1104

Triad

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



29.8174, 28.9116, 31.2031



26.2765, 28.9116, 26.2918



26.4397, 28.9116, 37.6207

Complementary

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



29.8174, 28.9116, 31.2031



30.2543, 34.3264, 37.3804

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.



25.6027, 28.9116, 35.1082



29.8174, 28.9116, 31.2031



25.5104, 28.9116, 28.5586

Square

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



29.8174, 28.9116, 31.2031



27.3828, 28.9116, 25.4049



25.2673, 28.9116, 31.7582



27.5766, 28.9116, 38.4533

Rectangle

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



29.8174, 28.9116, 31.2031



28.8909, 28.9116, 26.5892



25.2673, 28.9116, 31.7582



26.1151, 28.9116, 36.9361

Sweetspot

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



29.8182, 28.9129, 31.2037



59.4824, 61.1569, 66.4949



30.2110, 28.9510, 38.6464



13.2480, 13.5632, 14.7416



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.8182, 28.9129, 31.2037



51.7361, 49.2238, 52.9389



30.3258, 30.5367, 29.4967



7.1366, 7.1111, 7.7059



12.0136, 6.1615, 1.9964



0.2689, 0.1360, 0.1285

Inverse Universe

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



29.8182, 28.9129, 31.2037



51.7361, 49.2238, 52.9389



29.6759, 32.4670, 39.3532



7.1366, 7.1111, 7.7059



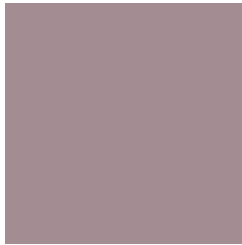
12.0136, 6.1615, 1.9964



0.2689, 0.1360, 0.1285

Previews

White Background



This preview shows how the XYZ color 29.8174, 28.9116, 31.2031 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 29.8174, 28.9116, 31.2031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

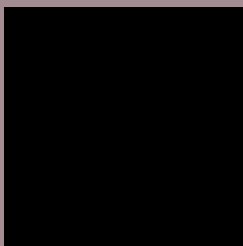
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

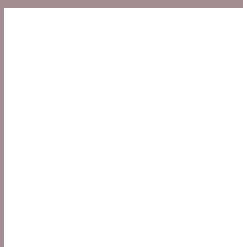
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8174, 28.9116, 31.2031

Background



This preview shows how black text looks on a background with the XYZ color 29.8174, 28.9116, 31.2031.



This preview shows how white text looks on a background with the XYZ color 29.8174, 28.9116,

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

29.8174, 28.9116, 31.2031

Protanopia

27.9164, 29.0236, 32.5645

Deuteranopia

29.5593, 28.9984, 31.2334



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

29.8174, 28.9116, 31.2031

Protanomaly

28.4554, 28.8569, 32.0872

Deuteranomaly

29.7616, 29.1027, 31.2429

Tritanomaly

30.1127, 28.8186, 32.4092

Monochromacy



Original Color

29.8174, 28.9116, 31.2031

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5287, 29.1297, 31.7227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8174, 28.9116, 31.2031 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(163, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 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(163, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.8174, 28.9116, 31.2031 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(163, 141, 146) }
```


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

```
.border{ border-color:rgb(163, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8174, 28.9116, 31.2031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 146) }
```

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

```
.background{ background-color: rgb(163,  
141, 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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