

Converting Colors

XYZ(31.2541, 28.5125, 31.4144)

Have a look what the booklet for
XYZ(31.2541, 28.5125, 31.4144)
contains.

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Color

**XYZ(31.3042, 28.5991,
31.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8893
RGB	173, 136, 147
RGB Percent	68%, 53%, 58%
CMY	0.3216, 0.4667, 0.4235
CMYK	0.00, 0.21, 0.15, 0.32
HSL	342°, 18%, 61%
HSV	342°, 21%, 68%
XYZ	31.3042, 28.5991, 31.4740
YIQ	148.3170, 18.5210, 11.2650

Conversions

Conversions Part 2

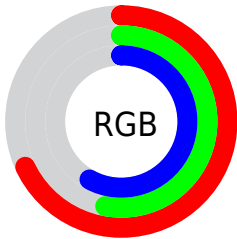
Format	Color
RYB	173, 136, 147
Decimal	11372691
CIELab	60.43, 15.87, -0.47
CIElCh	60, 15.880, 358.304
Yxy	28.5991, 0.3426, 0.3130
Android (android.graphics.Color)	4289562771 (0xFFAD8893)
YUV	148.3170, -0.6493, 21.6470
Hunter-Lab	53.4781, 10.9009, 2.5402

Details

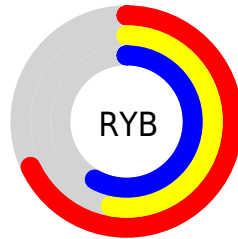
The XYZ color **31.3042, 28.5991, 31.4740** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6197, 37.7308, 39.8005**, and the grayscale version is **28.2785, 29.7512, 32.3990**.

A 20% lighter version of the original color is **61.0533, 57.2703, 63.0947**, and **13.2312, 11.5117, 12.8339** is the 20% darker color. If you saturate the color by 10%, you get **28.1575, 23.7525, 25.9644**, and if you desaturate by 10%, it is **34.9466, 34.2752, 37.6470**.

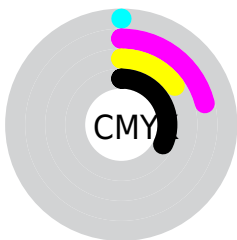
Distribution



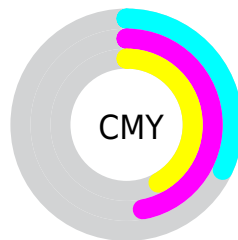
- Red (68%)
- Green (53%)
- Blue (58%)



- Red (68%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (32%)



- Cyan (32%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3042, 28.5991, 31.4740 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 31.3042, 28.5991, 31.4740 by changing the saturation by 10% instead.

■ 31.3042, 28.5991,
31.4740

■ 31.3042, 28.5991,
31.4740

299.7392,
295.3187, 323.1347

■ 20.9836, 18.7778,
20.6986

■ 61.0913, 57.4395,
63.0739

■ 13.2244, 11.5098,
12.7148

■ 81.2884, 77.2274,
84.7354

■ 7.6613, 6.4108,
7.1040

■ 105.5085,
101.1062, 110.8627

■ 3.9290, 3.0965,
3.4478

134.1167,
129.4604, 141.8743

■ 1.6620, 1.1823,
1.3276

167.4786,
162.6744, 178.1888

■ 0.4323, 0.0472,
0.0842

205.9594,

■ 0.0000, 0.0000,

201.1325, 220.2246

0.0000

249.9245,
245.2191, 268.4004

■ 31.3042, 28.5991,
31.4740

■ 31.3042, 28.5991,
31.4740

■ 28.1575, 23.7525,
25.9644

■ 34.9466, 34.2752,
37.6470

■ 25.4822, 19.6925,
21.0937

■ 39.1029, 40.8132,
44.5033

■ 23.2554, 16.3784,
16.8385


■ 43.7932, 48.2486,
52.0638

■ 21.4514, 13.7642,
13.1731


■ 49.0360, 56.6136,
60.3484


■ 20.0415, 11.7986,
10.0699

■ 54.8486, 65.9390,
69.3758


 18.9936, 10.4235,
7.4989

 61.2477, 76.2540,
79.1644

 18.2699, 9.5699,
5.4267

 67.5743, 86.2365,
89.5065

 17.8406, 9.1271,
4.0024

 69.3629, 86.9520,
98.9255

 71.0437, 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, 28.5991, 37.4371



31.3042, 28.5991, 31.4740



30.7926, 28.5991, 26.1008

Triad

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



31.3042, 28.5991, 31.4740



25.3610, 28.5991, 22.2420



25.1691, 28.5991, 41.7341

Complementary

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



31.3042, 28.5991, 31.4740



31.6197, 37.7308, 39.8005

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.



23.8664, 28.5991, 36.7883



31.3042, 28.5991, 31.4740



23.9732, 28.5991, 25.5911

Square

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



31.3042, 28.5991, 31.4740



27.2991, 28.5991, 21.1876



23.4396, 28.5991, 30.8075



27.0664, 28.5991, 43.8026

Rectangle

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



31.3042, 28.5991, 31.4740



29.8821, 28.5991, 23.4671



23.4396, 28.5991, 30.8075



24.6507, 28.5991, 40.3248

Sweetspot

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



31.3050, 28.6004, 31.4746



66.4007, 67.3711, 73.7525



31.2280, 28.2977, 43.3517



14.3298, 14.4831, 15.8622



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.



31.3050, 28.6004, 31.4746



53.0997, 46.6396, 51.2210



31.5611, 30.4283, 27.5039



8.0996, 8.0531, 8.8351



13.1289, 6.7141, 3.0584



0.3896, 0.1965, 0.2133

Inverse Universe

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



31.3050, 28.6004, 31.4746



53.0997, 46.6396, 51.2210



31.2608, 35.3795, 44.7169



8.0996, 8.0531, 8.8351



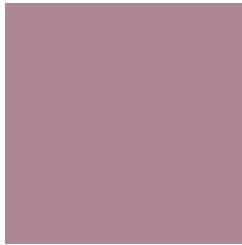
13.1289, 6.7141, 3.0584



0.3896, 0.1965, 0.2133

Previews

White Background



This preview shows how the XYZ color 31.3042, 28.5991, 31.4740 looks on a white background.

Color Contrast Check

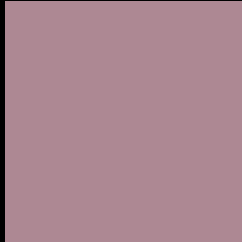
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3042, 28.5991, 31.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

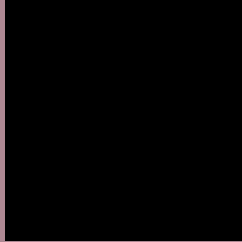
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3042, 28.5991, 31.4740

Background



This preview shows how black text looks on a background with the XYZ color 31.3042, 28.5991, 31.4740.



This preview shows how white text looks on a background with the XYZ color 31.3042, 28.5991,

31.4740.

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

31.3042, 28.5991, 31.4740

Protanopia

27.8255, 28.7208, 33.7829

Deuteranopia

29.2104, 28.5987, 31.1747



Tritanopia

31.3042, 28.5991, 31.4740

Trichromacy



Original Color

31.3042, 28.5991, 31.4740

Protanomaly

28.8883, 28.6159, 32.8550

Deuteranomaly

29.9380, 28.5399, 31.1250

Tritanomaly

31.3042, 28.5991, 31.4740

Monochromacy



Original Color

31.3042, 28.5991, 31.4740

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2232, 29.2527, 32.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3042, 28.5991, 31.4740 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 136, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 136, 147) }
```

Border

The CSS property to change the border of an element to XYZ 31.3042, 28.5991, 31.4740 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, 147) }
```


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

```
.border{ border-color:rgb(173, 136, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 136, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 136, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 136,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3042, 28.5991, 31.4740 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, 147) }
```

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

```
.background{ background-color: rgb(173,  
136, 147) }
```

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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