

Converting Colors

XYZ(32.3631, 31.0939, 30.3898)

Have a look what the booklet for
XYZ(32.3631, 31.0939, 30.3898)
contains.

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Color

**XYZ(32.3169, 31.1182,
30.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	AD918F
RGB	173, 145, 143
RGB Percent	68%, 57%, 56%
CMY	0.3216, 0.4314, 0.4392
CMYK	0.00, 0.16, 0.17, 0.32
HSL	4°, 15%, 62%
HSV	4°, 17%, 68%
XYZ	32.3169, 31.1182, 30.2897
YIQ	153.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

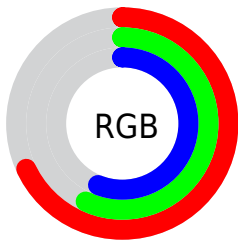
Format	Color
RYB	173, 145, 143
Decimal	11374991
CIELab	62.61, 10.16, 4.97
CIELCh	63, 11.306, 26.079
Yxy	31.1182, 0.3448, 0.3320
Android (android.graphics.Color)	4289565071 (0xFFAD918F)
YUV	153.1440, -5.0010, 17.4137
Hunter-Lab	55.7837, 5.7881, 6.8550

Details

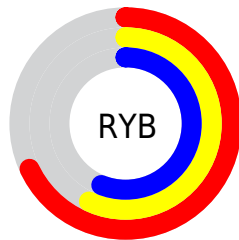
The XYZ color **32.3169, 31.1182, 30.2897** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4331, 37.9817, 45.1045**, and the grayscale version is **30.3575, 31.9384, 34.7809**.

A 20% lighter version of the original color is **62.8146, 61.5361, 61.3903**, and **13.8137, 12.9678, 12.1309** is the 20% darker color. If you saturate the color by 10%, you get **28.8121, 26.0465, 23.1465**, and if you desaturate by 10%, it is **36.3762, 36.9748, 38.6156**.

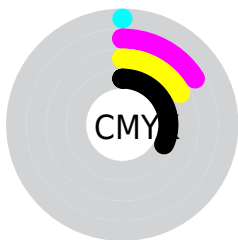
Distribution



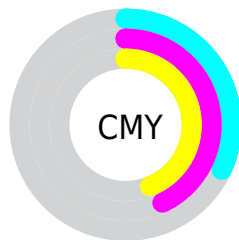
- Red (68%)
- Green (57%)
- Blue (56%)



- Red (68%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3169, 31.1182, 30.2897 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 32.3169, 31.1182, 30.2897 by changing the saturation by 10% instead.

■ 32.3169, 31.1182,
30.2897

■ 32.3169, 31.1182,
30.2897

304.2800,
307.0825, 317.5017

■ 21.7604, 20.6889,
19.8047

■ 62.6694, 61.4261,
61.1864

■ 13.7966, 12.8968,
12.0705

■ 83.1961, 82.0735,
82.4352

■ 8.0601, 7.3575,
6.6686

107.7769,
106.8957, 108.1090

■ 4.1855, 3.6867,
3.1804

136.7772,
136.2771, 138.6263

■ 1.8076, 1.4999,
1.1875

170.5623,
170.6020, 174.4057

■ 0.5223, 0.2886,
0.0000

209.4975,

■ 0.0000, 0.0000,

210.2550, 215.8657

0.0000

253.9483,
255.6204, 263.4249

■ 32.3169, 31.1182,
30.2897

■ 32.3169, 31.1182,
30.2897

■ 28.8121, 26.0465,
23.1465

■ 36.3762, 36.9748,
38.6156

■ 25.8352, 21.7222,
17.1306

■ 41.0098, 43.6432,
48.1723

■ 23.3614, 18.1115,
12.1849

■ 46.2400, 51.1542,
59.0078

■ 21.3629, 15.1758,
8.2467

■ 52.0867, 59.5357,
71.1668

■ 19.8091, 12.8732,
5.2466

■ 58.5692, 68.8146,
84.6919

■ 18.6657, 11.1571,
3.1067

■ 65.7059, 79.0162,
99.6236

■ 17.8938, 9.9744,
1.7362

■ 71.0437, 87.6243,
107.7765

■ 17.4419, 9.2604,
1.0003

■ 17.3598, 9.1365,
0.8486

Harmonies

Analogous

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



32.6303, 31.1182, 34.4657



32.3169, 31.1182, 30.2897



31.2602, 31.1182, 27.3217

Triad

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



32.3169, 31.1182, 30.2897



27.1873, 31.1182, 29.3671



29.3749, 31.1182, 43.0661

Complementary

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



32.3169, 31.1182, 30.2897



33.4331, 37.9817, 45.1045

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.



27.9551, 31.1182, 41.4174



32.3169, 31.1182, 30.2897



26.7202, 31.1182, 33.3058

Square

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



32.3169, 31.1182, 30.2897



28.2943, 31.1182, 26.8223



26.9964, 31.1182, 37.7486



30.8977, 31.1182, 42.0839

Rectangle

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



32.3169, 31.1182, 30.2897



30.2950, 31.1182, 26.3001



26.9964, 31.1182, 37.7486



28.8702, 31.1182, 42.7977

Sweetspot

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



32.3178, 31.1196, 30.2904



66.9264, 68.7818, 72.8195



34.4071, 31.4698, 42.7892



14.4270, 14.7785, 15.5832



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.



32.3178, 31.1196, 30.2904



55.2347, 51.9101, 48.8478



34.7626, 36.0094, 31.1053



8.0466, 8.0980, 8.3523



12.7697, 6.7449, 0.6289



0.3688, 0.2148, 0.0220

Inverse Universe

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



33.4331, 37.9817, 45.1045



57.6266, 66.6298, 80.6294



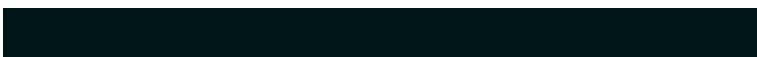
30.7593, 32.6341, 44.2133



8.1899, 8.9791, 10.2542



14.9785, 21.0908, 32.3260



0.4301, 0.6135, 0.9037

Previews

White Background



This preview shows how the XYZ color 32.3169, 31.1182, 30.2897 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.3169, 31.1182, 30.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

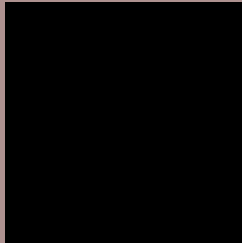
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3169, 31.1182, 30.2897

Background



This preview shows how black text looks on a background with the XYZ color 32.3169, 31.1182, 30.2897.



This preview shows how white text looks on a background with the XYZ color 32.3169, 31.1182,

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

32.3169, 31.1182, 30.2897

Protanopia

29.7725, 31.1771, 31.6427

Deuteranopia

31.5990, 30.9760, 30.3001



Tritanopia

33.1108, 30.9767, 34.8058

Trichromacy



Original Color

32.3169, 31.1182, 30.2897

Protanomaly

30.7586, 31.2206, 31.1931

Deuteranomaly

31.8144, 31.0870, 30.3102

Tritanomaly

32.9338, 31.1472, 33.1304

Monochromacy



Original Color

32.3169, 31.1182, 30.2897

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8284, 31.4562, 32.8806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3169, 31.1182, 30.2897 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, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 143)  
}
```

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, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.3169, 31.1182, 30.2897 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, 145, 143) }
```


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

```
.border{ border-color:rgb(173, 145, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3169, 31.1182, 30.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 143) }
```

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

```
.background{ background-color: rgb(173,  
145, 143) }
```

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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