

Converting Colors

XYZ(31.0688, 28.6170, 32.0244)

Have a look what the booklet for
XYZ(31.0688, 28.6170, 32.0244)
contains.

XYZ(31.0855, 28.6874, 31.9158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0855, 28.6874,
31.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8994
RGB	171, 137, 148
RGB Percent	67%, 54%, 58%
CMY	0.3294, 0.4627, 0.4196
CMYK	0.00, 0.20, 0.13, 0.33
HSL	341°, 17%, 60%
HSV	341°, 20%, 67%
XYZ	31.0855, 28.6874, 31.9158
YIQ	148.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

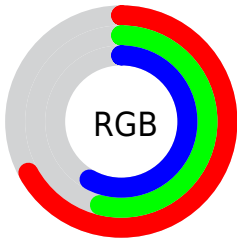
Format	Color
RYB	171, 137, 148
Decimal	11241876
CIELab	60.50, 14.73, -0.95
CIElCh	61, 14.759, 356.308
Yxy	28.6874, 0.3390, 0.3129
Android (android.graphics.Color)	4289431956 (0xFFAB8994)
YUV	148.4200, -0.2071, 19.8027
Hunter-Lab	53.5606, 9.8667, 2.1626

Details

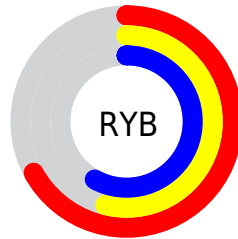
The XYZ color **31.0855, 28.6874, 31.9158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2257, 36.9829, 38.7521**, and the grayscale version is **28.3204, 29.7952, 32.4470**.

A 20% lighter version of the original color is **60.7527, 57.4221, 63.7587**, and **13.0371, 11.5310, 12.8478** is the 20% darker color. If you saturate the color by 10%, you get **27.9744, 23.8578, 26.5845**, and if you desaturate by 10%, it is **34.6751, 34.3267, 37.8588**.

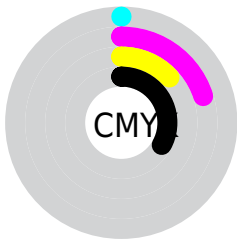
Distribution



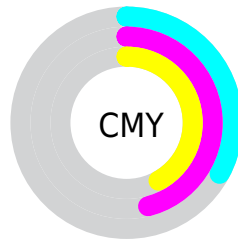
- Red (67%)
- Green (54%)
- Blue (58%)



- Red (67%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (33%)




- Cyan (33%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0855, 28.6874, 31.9158 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 31.0855, 28.6874, 31.9158 by changing the saturation by 10% instead.


 31.0855, 28.6874,
31.9158


 31.0855, 28.6874,
31.9158

298.7519,
295.7372, 325.2164


 20.8161, 18.8445,
21.0329


 60.7496, 57.5801,
63.7754

 13.1013, 11.5580,
12.9566


 80.8750, 77.3986,
85.5893

 7.5759, 6.4434,
7.2683

 105.0164,
101.3111, 111.8838

 3.8743, 3.1165,
3.5495

133.5393,
129.7019, 143.0776

 1.6313, 1.1929,
1.3816

166.8089,
162.9556, 179.5893

 0.4126, 0.0559,
0.1273

205.1906,

 0.0000, 0.0000,

201.4564, 221.8373

0.0000

249.0498,
245.5888, 270.2401

■ 31.0855, 28.6874,
31.9158

■ 31.0855, 28.6874,
31.9158

■ 27.9744, 23.8578,
26.5845

■ 34.6751, 34.3267,
37.8588

■ 25.3184, 19.7968,
21.8430

■ 38.7601, 40.8067,
44.4309

■ 23.0961, 16.4653,
17.6707

■ 43.3598, 48.1614,
51.6509

■ 21.2832, 13.8196,
14.0449

■ 48.4915, 56.4219,
59.5363

■ 19.8528, 11.8108,
10.9413

■ 54.1719, 65.6176,
68.1040

■ 18.7746, 10.3838,
8.3336

■ 60.4167, 75.7769,
77.3701

■ 18.0136, 9.4738,
6.1925

■ 66.6950, 85.8341,
87.1682

■ 17.4973, 8.9426,
4.4752

■ 68.3648, 86.5020,
95.9612

■ 17.4918, 8.9368,
4.4569

■ 70.1443, 87.2138,
105.3319

Harmonies

Analogous

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



30.4274, 28.6874, 37.4205



31.0855, 28.6874, 31.9158



30.6818, 28.6874, 26.8156

Triad

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



31.0855, 28.6874, 31.9158



25.6760, 28.6874, 22.7480



25.2856, 28.6874, 40.7967

Complementary

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



31.0855, 28.6874, 31.9158



31.2257, 36.9829, 38.7521

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.



24.1146, 28.6874, 36.1167



31.0855, 28.6874, 31.9158



24.3325, 28.6874, 25.7730

Square

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



31.0855, 28.6874, 31.9158



27.5030, 28.6874, 21.8975



23.7739, 28.6874, 30.5653



27.0314, 28.6874, 42.9105

Rectangle

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



31.0855, 28.6874, 31.9158



29.8745, 28.6874, 24.2514



23.7739, 28.6874, 30.5653



24.8149, 28.6874, 39.4467

Sweetspot

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



31.0863, 28.6887, 31.9164



64.7563, 65.6772, 72.1114



30.7280, 28.2723, 42.3658



14.3407, 14.4875, 15.9192



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.



31.0863, 28.6887, 31.9164



53.0378, 47.2734, 52.6882



31.0834, 30.0103, 27.8229



8.1080, 8.0565, 8.8798



13.2080, 6.7457, 3.4748



0.3929, 0.1978, 0.2307

Inverse Universe

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



31.0863, 28.6887, 31.9164



53.0378, 47.2734, 52.6882



31.1835, 35.2901, 43.6963



8.1080, 8.0565, 8.8798



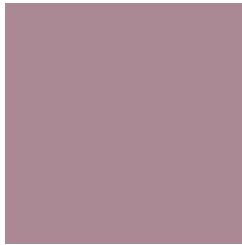
13.2080, 6.7457, 3.4748



0.3929, 0.1978, 0.2307

Previews

White Background



This preview shows how the XYZ color 31.0855, 28.6874, 31.9158 looks on a white background.

Color Contrast Check

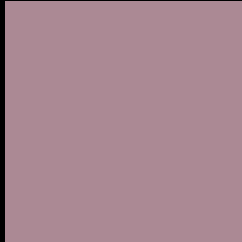
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0855, 28.6874, 31.9158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

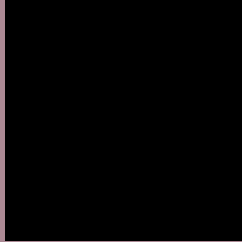
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0855, 28.6874, 31.9158

Background



This preview shows how black text looks on a background with the XYZ color 31.0855, 28.6874, 31.9158.



This preview shows how white text looks on a background with the XYZ color 31.0855, 28.6874,

31.9158.

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

31.0855, 28.6874, 31.9158

Protanopia

27.9078, 28.7537, 34.2161

Deuteranopia

29.2885, 28.6299, 31.5862



Tritanopia

31.0855, 28.6874, 31.9158

Trichromacy



Original Color

31.0855, 28.6874, 31.9158

Protanomaly

28.9692, 28.6483, 33.2810

Deuteranomaly

29.9544, 28.7553, 31.5753

Tritanomaly

31.0855, 28.6874, 31.9158

Monochromacy



Original Color

31.0855, 28.6874, 31.9158

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0289, 29.1526, 32.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0855, 28.6874, 31.9158 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, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 148)  
}
```

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, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.0855, 28.6874, 31.9158 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, 137, 148) }
```


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

```
.border{ border-color:rgb(171, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0855, 28.6874, 31.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 148) }
```

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

```
.background{ background-color: rgb(171,  
137, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor