

Converting Colors

XYZ(31.4859, 28.7613, 36.2055)

Have a look what the booklet for
XYZ(31.4859, 28.7613, 36.2055)
contains.

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Color

**XYZ(31.4794, 28.7950,
36.2466)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A9899E |
| RGB | 169, 137, 158 |
| RGB Percent | 66%, 54%, 62% |
| CMY | 0.3373, 0.4627, 0.3804 |
| CMYK | 0.00, 0.19, 0.07, 0.34 |
| HSL | 321°, 16%, 60% |
| HSV | 321°, 19%, 66% |
| XYZ | 31.4794, 28.7950, 36.2466 |
| YIQ | 148.9620, 12.3310, 13.3150 |

Conversions

Conversions Part 2

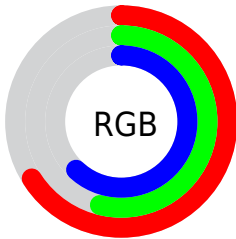
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 169, 137, 158 |
| Decimal | 11110814 |
| CIE _{Lab} | 60.60, 15.77, -6.54 |
| CIE _{LCh} | 61, 17.069, 337.463 |
| Yxy | 28.7950, 0.3261, 0.2983 |
| Android (android.graphics.Color) | 4289300894 (0xFFA9899E) |
| YUV | 148.9620, 4.4557, 17.5733 |
| Hunter-Lab | 53.6610, 10.8076, -2.4862 |

Details

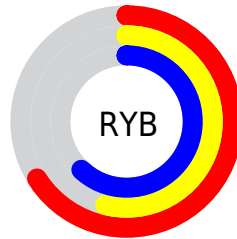
The XYZ color **31.4794, 28.7950, 36.2466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8509, 35.8332, 33.3618**, and the grayscale version is **28.5300, 30.0158, 32.6872**.

A 20% lighter version of the original color is **61.3815, 57.9130, 70.8940**, and **13.3982, 11.6598, 15.4543** is the 20% darker color. If you saturate the color by 10%, you get **28.7745, 24.1664, 32.9358**, and if you desaturate by 10%, it is **34.5859, 34.1882, 39.8086**.

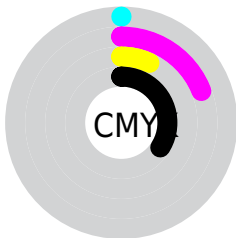
Distribution



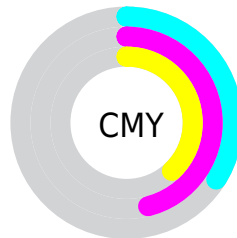
- Red (66%)
- Green (54%)
- Blue (62%)



- Red (66%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (34%)




- Cyan (34%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4794, 28.7950, 36.2466 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 31.4794, 28.7950, 36.2466 by changing the saturation by 10% instead.


 31.4794, 28.7950,
36.2466


 31.4794, 28.7950,
36.2466


300.5285,
296.2465, 345.1071


 21.1178, 18.9258,
24.3335


 61.3648, 57.7512,
70.5858

 13.3231, 11.6167,
15.3667


 81.6192, 77.6070,
93.8491

 7.7299, 6.4832,
8.9277


 105.9021,
101.5605, 121.7328

 3.9730, 3.1411,
4.5979

134.5785,
129.9960, 154.6555

 1.6869, 1.2058,
1.9587

168.0141,
163.2980, 193.0357

 0.4480, 0.0665,
0.5297

206.5740,

 0.0000, 0.0000,

201.8508, 237.2920

0.0000

250.6237,
246.0388, 287.8430

■ 31.4794, 28.7950,
36.2466

■ 31.4794, 28.7950,
36.2466

■ 28.7745, 24.1664,
32.9358

■ 34.5859, 34.1882,
39.8086

■ 26.4509, 20.2634,
29.8669

■ 38.1082, 40.3750,
43.6270

■ 24.4903, 17.0497,
27.0324

■ 42.0627, 47.3875,
47.7094

■ 22.8718, 14.4838,
24.4238

■ 46.4644, 55.2549,
52.0620

■ 21.5722, 12.5200,
22.0315

■ 51.3273, 64.0049,
56.6911

■ 20.5653, 11.1066,
19.8452

■ 56.6649, 73.6641,
61.6026

■ 19.8206, 10.1830,
17.8528

■ 62.3929, 84.0633,
66.7699

■ 19.2800, 9.6335,
16.0332

■ 63.0792, 84.3378,
70.3836

■ 19.2262, 9.5806,
15.8464

■ 63.7914, 84.6227,
74.1343

Harmonies

Analogous

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



30.0326, 28.7950, 42.0254



31.4794, 28.7950, 36.2466



31.7968, 28.7950, 29.8002

Triad

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



31.4794, 28.7950, 36.2466



26.8211, 28.7950, 20.7783



24.1360, 28.7950, 39.3434

Complementary

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



31.4794, 28.7950, 36.2466



29.8509, 35.8332, 33.3618

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.



23.3722, 28.7950, 32.9585



31.4794, 28.7950, 36.2466



24.8673, 28.7950, 22.6600

Square

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



31.4794, 28.7950, 36.2466



29.0281, 28.7950, 21.4120



23.6326, 28.7950, 26.9207



25.7740, 28.7950, 43.9743

Rectangle

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



31.4794, 28.7950, 36.2466



31.3104, 28.7950, 26.0742



23.6326, 28.7950, 26.9207



23.7727, 28.7950, 37.2998

Sweetspot

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



31.4802, 28.7963, 36.2472



63.6463, 64.2125, 73.1792



28.2608, 27.0223, 41.2628



13.7902, 13.8521, 15.8599



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.4802, 28.7963, 36.2472



54.1218, 47.6933, 62.2055



30.2164, 28.2908, 29.5921



7.7307, 7.6221, 8.8990



14.3549, 7.1507, 11.9462



0.3719, 0.1830, 0.4097

Inverse Universe

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



31.4802, 28.7963, 36.2472



54.1218, 47.6933, 62.2055



31.1762, 36.3633, 40.3406



7.7307, 7.6221, 8.8990



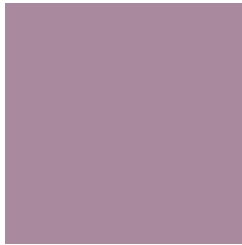
14.3549, 7.1507, 11.9462



0.3719, 0.1830, 0.4097

Previews

White Background



This preview shows how the XYZ color 31.4794, 28.7950, 36.2466 looks on a white background.

Color Contrast Check

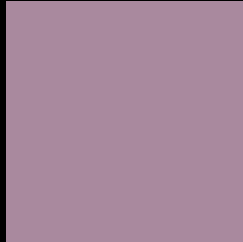
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4794, 28.7950, 36.2466 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 31.4794, 28.7950, 36.2466

Background



This preview shows how black text looks on a background with the XYZ color 31.4794, 28.7950, 36.2466.



This preview shows how white text looks on a background with the XYZ color 31.4794, 28.7950,

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

31.4794, 28.7950, 36.2466

Protanopia

28.2379, 28.8244, 38.7257

Deuteranopia

29.4691, 28.8482, 35.9134



Tritanopia

30.6617, 28.6717, 32.3519

Trichromacy



Original Color

31.4794, 28.7950, 36.2466

Protanomaly

29.2429, 28.6915, 37.7150

Deuteranomaly

30.1618, 28.7676, 35.8613

Tritanomaly

30.9044, 28.7688, 33.6299

Monochromacy



Original Color

31.4794, 28.7950, 36.2466

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5032, 29.5857, 33.8614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4794, 28.7950, 36.2466 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(169, 137, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 158)  
}
```

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(169, 137, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 158) }
```

Border

The CSS property to change the border of an element to XYZ 31.4794, 28.7950, 36.2466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

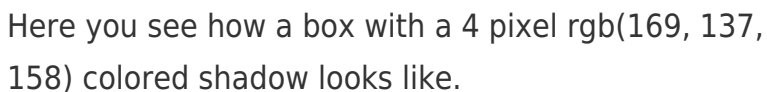
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 137, 158) }
```


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

```
.border{ border-color:rgb(169, 137, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 137, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 137, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 137, 158); box-shadow:4px 4px 4px 4px rgb(169, 137, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4794, 28.7950, 36.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 158) }
```

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

```
.background{ background-color: rgb(169,  
137, 158) }
```

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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