

Converting Colors

XYZ(31.3570, 29.3552, 31.2629)

Have a look what the booklet for
XYZ(31.3570, 29.3552, 31.2629)
contains.

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Color

**XYZ(31.2155, 29.1985,
31.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8B92
RGB	171, 139, 146
RGB Percent	67%, 55%, 57%
CMY	0.3294, 0.4549, 0.4274
CMYK	0.00, 0.19, 0.15, 0.33
HSL	347°, 16%, 61%
HSV	347°, 19%, 67%
XYZ	31.2155, 29.1985, 31.1848
YIQ	149.3660, 16.8250, 8.9610

Conversions

Conversions Part 2

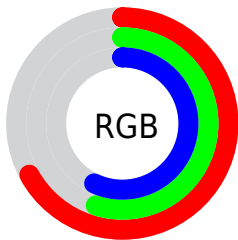
Format	Color
RYB	171, 139, 146
Decimal	11242386
CIELab	60.96, 13.26, 0.85
CIELCh	61, 13.288, 3.669
Yxy	29.1985, 0.3408, 0.3188
Android (android.graphics.Color)	4289432466 (0xFFAB8B92)
YUV	149.3660, -1.6594, 18.9730
Hunter-Lab	54.0356, 8.5542, 3.6078

Details

The XYZ color **31.2155, 29.1985, 31.1848** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9123, 37.2958, 40.6406**, and the grayscale version is **28.7237, 30.2196, 32.9091**.

A 20% lighter version of the original color is **61.1738, 58.6410, 62.7382**, and **13.1549, 11.8408, 12.6585** is the 20% darker color. If you saturate the color by 10%, you get **27.9513, 24.2371, 25.2653**, and if you desaturate by 10%, it is **34.9901, 34.9857, 37.8745**.

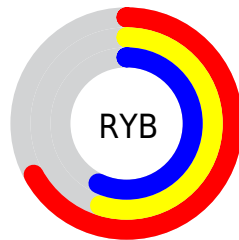
Distribution



Red (67%)

Green (55%)

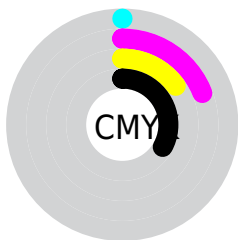
Blue (57%)



Red (67%)

Yellow (55%)

Blue (57%)

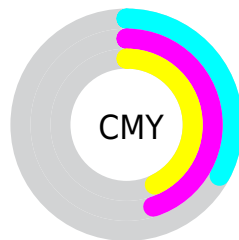


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2155, 29.1985, 31.1848 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 31.2155, 29.1985, 31.1848 by changing the saturation by 10% instead.


 31.2155, 29.1985,
31.1848


 31.2155, 29.1985,
31.1848


299.3391,
298.1504, 321.7663


 20.9156, 19.2310,
20.4800

 60.9527, 58.3923,
62.6139

 13.1745, 11.8373,
12.5569

 81.1208, 78.3875,
84.1752

 7.6266, 6.6330,
6.9970


 105.3090,
102.4939, 110.1925

 3.9068, 3.2337,
3.3818

133.8827,
131.0962, 141.0842

 1.6495, 1.2549,
1.2927

167.2071,
164.5785, 177.2689

 0.4244, 0.1059,
0.0558

205.6478,

 0.0000, 0.0000,

203.3254, 219.1651

0.0000

249.5700,
247.7212, 267.1914

■ 31.2155, 29.1985,
31.1848

■ 31.2155, 29.1985,
31.1848

■ 27.9513, 24.2371,
25.2653

■ 34.9901, 34.9857,
37.8745

■ 25.1729, 20.0599,
20.0862

■ 39.2935, 41.6300,
45.3589

■ 22.8575, 16.6279,
15.6184


■ 44.1459, 49.1656,
53.6639


■ 20.9791, 13.8968,
11.8303

■ 49.5661, 57.6240,
62.8135


■ 19.5094, 11.8178,
8.6877


■ 55.5716, 67.0351,
72.8309


 18.4164, 10.3358,
6.1534

 62.1794, 77.4272,
83.7381

 17.6634, 9.3863,
4.1861

 68.2125, 86.4411,
95.1589

 17.1867, 8.8531,
2.7325

 70.2662, 87.2626,
105.9737

 17.1348, 8.7940,
2.5772

 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



30.8501, 29.1985, 36.2199



31.2155, 29.1985, 31.1848



30.6216, 29.1985, 26.7853

Triad

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



31.2155, 29.1985, 31.1848



25.9440, 29.1985, 24.4869



26.2991, 29.1985, 41.1444

Complementary

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



31.2155, 29.1985, 31.1848



31.9123, 37.2958, 40.6406

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.



25.0681, 29.1985, 37.3872



31.2155, 29.1985, 31.1848



24.8692, 29.1985, 27.7409

Square

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



31.2155, 29.1985, 31.1848



27.5394, 29.1985, 23.1809



24.5552, 29.1985, 32.4074



27.9663, 29.1985, 42.3088

Rectangle

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



31.2155, 29.1985, 31.1848



29.7755, 29.1985, 24.7013



24.5552, 29.1985, 32.4074



25.8229, 29.1985, 40.1248

Sweetspot

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



31.2163, 29.1998, 31.1854



64.5801, 65.6067, 71.1837



31.7980, 29.2499, 42.4982



14.2976, 14.4702, 15.6925



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.



31.2163, 29.1998, 31.1854



53.6521, 48.8583, 51.7942



31.9726, 31.5569, 28.8337



8.0743, 8.0430, 8.7020



12.9338, 6.6360, 2.0307



0.3797, 0.1926, 0.1613

Inverse Universe

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



31.2163, 29.1998, 31.1854



53.6521, 48.8583, 51.7942



31.0019, 34.4355, 43.5411



8.0743, 8.0430, 8.7020



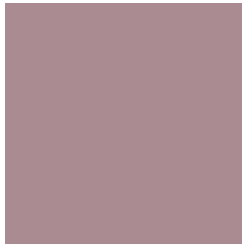
12.9338, 6.6360, 2.0307



0.3797, 0.1926, 0.1613

Previews

White Background



This preview shows how the XYZ color 31.2155, 29.1985, 31.1848 looks on a white background.

Color Contrast Check

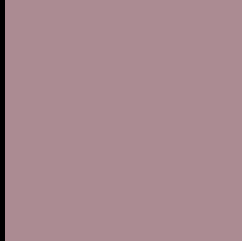
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2155, 29.1985, 31.1848 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 31.2155, 29.1985, 31.1848

Background



This preview shows how black text looks on a background with the XYZ color 31.2155, 29.1985, 31.1848.



This preview shows how white text looks on a background with the XYZ color 31.2155, 29.1985,

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

31.2155, 29.1985, 31.1848

Protanopia

28.1783, 29.1493, 32.9954

Deuteranopia

29.6841, 29.0717, 30.8349



Tritanopia

31.3079, 29.0048, 32.3822

Trichromacy



Original Color

31.2155, 29.1985, 31.1848

Protanomaly

29.1519, 28.9829, 32.4916

Deuteranomaly

30.1528, 29.0934, 30.8144

Tritanomaly

31.2284, 28.9730, 31.9634

Monochromacy



Original Color

31.2155, 29.1985, 31.1848

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3753, 29.5570, 32.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2155, 29.1985, 31.1848 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, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 139, 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(171, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.2155, 29.1985, 31.1848 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, 139, 146) }
```


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

```
.border{ border-color:rgb(171, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 139,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2155, 29.1985, 31.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 139, 146) }
```

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

```
.background{ background-color: rgb(171,  
139, 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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