

Converting Colors

XYZ(31.7618, 30.3067, 34.1501)

Have a look what the booklet for
XYZ(31.7618, 30.3067, 34.1501)
contains.

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Color

**XYZ(31.7207, 30.2697,
34.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	A88F99
RGB	168, 143, 153
RGB Percent	66%, 56%, 60%
CMY	0.3412, 0.4392, 0.4000
CMYK	0.00, 0.15, 0.09, 0.34
HSL	336°, 13%, 61%
HSV	336°, 15%, 66%
XYZ	31.7207, 30.2697, 34.3078
YIQ	151.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

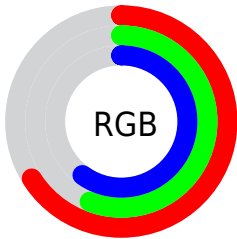
Format	Color
RYB	168, 143, 153
Decimal	11046809
CIELab	61.89, 11.10, -1.81
CIElCh	62, 11.250, 350.752
Yxy	30.2697, 0.3294, 0.3143
Android (android.graphics.Color)	4289236889 (0xFFA88F99)
YUV	151.6150, 0.6828, 14.3696
Hunter-Lab	55.0179, 6.6332, 1.5408

Details

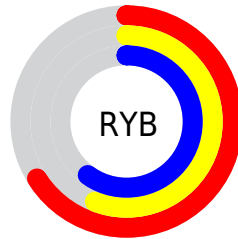
The XYZ color **31.7207, 30.2697, 34.3078** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5031, 36.3143, 37.6985**, and the grayscale version is **29.6736, 31.2189, 33.9974**.

A 20% lighter version of the original color is **61.6602, 60.1255, 67.3870**, and **13.5151, 12.5010, 14.2710** is the 20% darker color. If you saturate the color by 10%, you get **28.5875, 25.2796, 29.3275**, and if you desaturate by 10%, it is **35.3038, 36.0460, 39.7859**.

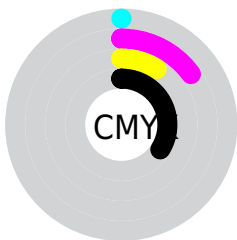
Distribution



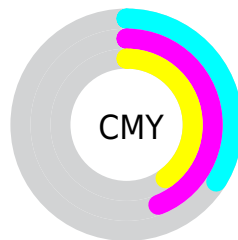
- Red (66%)
- Green (56%)
- Blue (60%)



- Red (66%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7207, 30.2697, 34.3078 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 31.7207, 30.2697, 34.3078 by changing the saturation by 10% instead.

■ 31.7207, 30.2697,
34.3078

■ 31.7207, 30.2697,
34.3078

301.6129,
303.1596, 336.3133

■ 21.3028, 20.0434,
22.8509

■ 61.7411, 60.0884,
67.5514

■ 13.4592, 12.4266,
14.2792

■ 82.0743, 80.4496,
90.1752

■ 7.8247, 7.0349,
8.1741

■ 106.4434,
104.9579, 117.3583

■ 4.0338, 3.4839,
4.1172

135.2135,
133.9977, 149.5193

■ 1.7213, 1.3893,
1.6899

168.7502,
167.9534, 187.0768

■ 0.4695, 0.2088,
0.3538

207.4188,

■ 0.0000, 0.0000,

207.2093, 230.4493

0.0000

251.5846,
252.1499, 280.0552

■ 31.7207, 30.2697,
34.3078

■ 31.7207, 30.2697,
34.3078

■ 28.5875, 25.2796,
29.3275

■ 35.3038, 36.0460,
39.7859

■ 25.8830, 21.0376,
24.8284

■ 39.3514, 42.6366,
45.7738

■ 23.5883, 17.5083,
20.7956

■ 43.8809, 50.0730,
52.2857

■ 21.6820, 14.6518,
17.2127

■ 48.9078, 58.3840,
59.3345

■ 20.1407, 12.4244,
14.0622

■ 54.4470, 67.5968,
66.9325

■ 18.9381, 10.7771,
11.3254

■ 60.5129, 77.7377,
75.0918

■ 18.0444, 9.6534,
8.9814

■ 65.3049, 85.2034,
83.2194

■ 17.4232, 8.9842,
7.0070

■ 66.7098, 85.7654,
90.6176

■ 17.1674, 8.7324,
6.1206

■ 68.1971, 86.3603,
98.4497

Harmonies

Analogous

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



31.0690, 30.2697, 38.4821



31.7207, 30.2697, 34.3078



31.5608, 30.2697, 30.1098

Triad

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



31.7207, 30.2697, 34.3078



27.7577, 30.2697, 25.8034



26.9790, 30.2697, 39.7987

Complementary

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



31.7207, 30.2697, 34.3078



31.5031, 36.3143, 37.6985

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.



26.1496, 30.2697, 35.9816



31.7207, 30.2697, 34.3078



26.5882, 30.2697, 27.9906

Square

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



31.7207, 30.2697, 34.3078



29.2378, 30.2697, 25.4401



26.0090, 30.2697, 31.6452



28.3081, 30.2697, 41.8292

Rectangle

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



31.7207, 30.2697, 34.3078



31.0176, 30.2697, 27.8415



26.0090, 30.2697, 31.6452



26.6345, 30.2697, 38.6671

Sweetspot

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



31.7216, 30.2710, 34.3084



64.6232, 66.3179, 73.0372



30.9920, 29.7427, 41.1536



13.9744, 14.2751, 15.7529



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.



31.7216, 30.2710, 34.3084



55.5097, 51.6469, 59.0370



31.3094, 30.7133, 30.2663



7.6508, 7.5902, 8.4781



12.9880, 6.6039, 4.7482



0.3414, 0.1708, 0.2493

Inverse Universe

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



31.7216, 30.2710, 34.3084



55.5097, 51.6469, 59.0370



31.9421, 35.7586, 42.2647



7.6508, 7.5902, 8.4781



12.9880, 6.6039, 4.7482



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 31.7207, 30.2697, 34.3078 looks on a white background.

Color Contrast Check

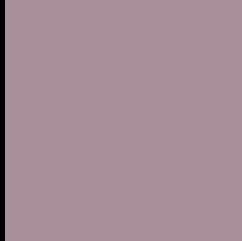
Large Text (above 18pt) WCAG AA × Fail

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 31.7207, 30.2697, 34.3078 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 31.7207, 30.2697, 34.3078

Background



This preview shows how black text looks on a background with the XYZ color 31.7207, 30.2697, 34.3078.



This preview shows how white text looks on a background with the XYZ color 31.7207, 30.2697,

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

31.7207, 30.2697, 34.3078

Protanopia

29.3259, 30.3792, 35.7706

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

31.8036, 30.3028, 34.7447

Trichromacy



Original Color

31.7207, 30.2697, 34.3078

Protanomaly

30.2547, 30.4021, 35.2839

Deuteranomaly

31.2401, 30.2458, 34.3285

Tritanomaly

31.8036, 30.3028, 34.7447

Monochromacy



Original Color

31.7207, 30.2697, 34.3078

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5155, 31.0310, 34.0870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7207, 30.2697, 34.3078 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(168, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 153)  
}
```

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(168, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 31.7207, 30.2697, 34.3078 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(168, 143, 153) }
```


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

```
.border{ border-color:rgb(168, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7207, 30.2697, 34.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 153) }
```

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

```
.background{ background-color: rgb(168,  
143, 153) }
```

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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