

Converting Colors

XYZ(32.7712, 31.3002, 34.9710)

Have a look what the booklet for
XYZ(32.7712, 31.3002, 34.9710)
contains.

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Color

**XYZ(32.7527, 31.2418,
34.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	AB919A
RGB	171, 145, 154
RGB Percent	67%, 57%, 60%
CMY	0.3294, 0.4314, 0.3961
CMYK	0.00, 0.15, 0.10, 0.33
HSL	339°, 13%, 62%
HSV	339°, 15%, 67%
XYZ	32.7527, 31.2418, 34.8759
YIQ	153.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

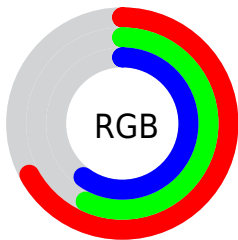
Format	Color
RYB	171, 145, 154
Decimal	11243930
CIELab	62.71, 11.27, -1.13
CIElCh	63, 11.326, 354.260
Yxy	31.2418, 0.3313, 0.3160
Android (android.graphics.Color)	4289434010 (0xFFAB919A)
YUV	153.8000, 0.0986, 15.0844
Hunter-Lab	55.8944, 6.7814, 2.1314

Details

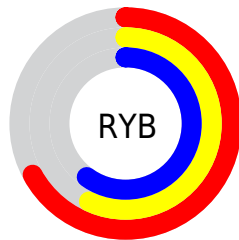
The XYZ color **32.7527, 31.2418, 34.8759** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7627, 37.7550, 39.7448**, and the grayscale version is **30.6239, 32.2187, 35.0862**.

A 20% lighter version of the original color is **63.1726, 61.5697, 68.2291**, and **14.1481, 13.0856, 14.6121** is the 20% darker color. If you saturate the color by 10%, you get **29.4456, 26.0490, 29.3908**, and if you desaturate by 10%, it is **36.5416, 37.2587, 40.9504**.

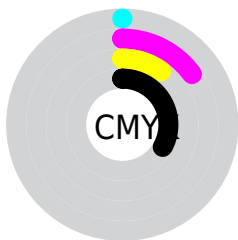
Distribution



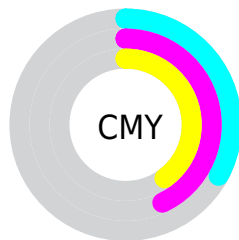
- Red (67%)
- Green (57%)
- Blue (60%)



- Red (67%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7527, 31.2418, 34.8759 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 32.7527, 31.2418, 34.8759 by changing the saturation by 10% instead.

■ 32.7527, 31.2418,
34.8759

■ 32.7527, 31.2418,
34.8759

306.2186,
307.6507, 338.9078

■ 22.0954, 20.7830,
23.2845

■ 63.3465, 61.6206,
68.4429

■ 14.0440, 12.9655,
14.5965

■ 84.0137, 82.3094,
91.2555

■ 8.2332, 7.4048,
8.3932

108.7483,
107.1769, 118.6457

■ 4.2976, 3.7165,
4.2562

137.9155,
136.6077, 151.0319

■ 1.8718, 1.5163,
1.7669

171.8808,
170.9861, 188.8326

■ 0.5604, 0.3001,
0.4060

211.0095,

■ 0.0000, 0.0000,

210.6965, 232.4665

0.0000

255.6670,
256.1232, 282.3521

■ 32.7527, 31.2418,
34.8759

■ 32.7527, 31.2418,
34.8759

■ 29.4456, 26.0490,
29.3908

■ 36.5416, 37.2587,
40.9504

■ 26.5979, 21.6402,
24.4749

■ 40.8285, 44.1292,
47.6299

■ 24.1890, 17.9780,
20.1096

■ 45.6317, 51.8866,
54.9315

■ 22.1960, 15.0205,
16.2746

■ 50.9682, 60.5611,
62.8713

■ 20.5936, 12.7215,
12.9479

■ 56.8539, 70.1815,
71.4646

■ 19.3537, 11.0293,
10.1062

■ 63.3042, 80.7753,
80.7264

■ 18.4439, 9.8843,
7.7236

■ 67.1594, 86.0199,
89.6129

■ 17.8248, 9.2125,
5.7709

■ 68.8015, 86.6767,
98.2605

■ 17.5888, 8.9756,
4.9677

■ 70.5467, 87.3748,
107.4504

Harmonies

Analogous

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



32.1742, 31.2418, 39.2382



32.7527, 31.2418, 34.8759



32.4890, 31.2418, 30.6362

Triad

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



32.7527, 31.2418, 34.8759



28.4892, 31.2418, 26.8281



27.9910, 31.2418, 41.4088

Complementary

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



32.7527, 31.2418, 34.8759



32.7627, 37.7550, 39.7448

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.



27.0649, 31.2418, 37.6378



32.7527, 31.2418, 34.8759



27.3454, 31.2418, 29.2808

Square

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



32.7527, 31.2418, 34.8759



29.9928, 31.2418, 26.2270



26.8327, 31.2418, 33.1723



29.3980, 31.2418, 43.2143

Rectangle

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



32.7527, 31.2418, 34.8759



31.8755, 31.2418, 28.4124



26.8327, 31.2418, 33.1723



27.6151, 31.2418, 40.3140

Sweetspot

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



32.7536, 31.2432, 34.8766



65.5263, 66.8596, 73.4700



32.3571, 30.8635, 42.7803



14.5030, 14.7350, 16.2108



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.



32.7536, 31.2432, 34.8766



56.7231, 52.9014, 59.2892



32.6381, 32.1669, 31.2783



8.1154, 8.0594, 8.9185



13.2820, 6.7754, 3.8646



0.3957, 0.1990, 0.2456

Inverse Universe

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



32.7536, 31.2432, 34.8766



56.7231, 52.9014, 59.2892



32.8658, 36.6349, 43.8675



8.1154, 8.0594, 8.9185



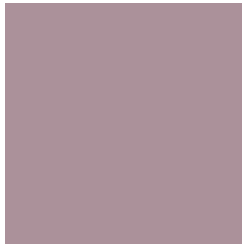
13.2820, 6.7754, 3.8646



0.3957, 0.1990, 0.2456

Previews

White Background



This preview shows how the XYZ color 32.7527, 31.2418, 34.8759 looks on a white background.

Color Contrast Check

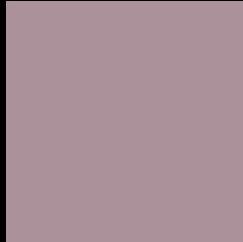
Large Text (above 18pt) WCAG AA × Fail

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 32.7527, 31.2418, 34.8759 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 32.7527, 31.2418, 34.8759

Background



This preview shows how black text looks on a background with the XYZ color 32.7527, 31.2418, 34.8759.



This preview shows how white text looks on a background with the XYZ color 32.7527, 31.2418,

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

32.7527, 31.2418, 34.8759

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

31.9923, 31.3075, 34.9286



Tritanopia

32.9207, 31.3090, 35.7606

Trichromacy



Original Color

32.7527, 31.2418, 34.8759

Protanomaly

31.3305, 31.4028, 36.3083

Deuteranomaly

32.2601, 31.2157, 34.8968

Tritanomaly

32.8364, 31.2753, 35.3164

Monochromacy



Original Color

32.7527, 31.2418, 34.8759

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3965, 31.9399, 35.0821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7527, 31.2418, 34.8759 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, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 145, 154)  
}
```

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, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.7527, 31.2418, 34.8759 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, 145, 154) }
```


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

```
.border{ border-color:rgb(171, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 145,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7527, 31.2418, 34.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 145, 154) }
```

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

```
.background{ background-color: rgb(171,  
145, 154) }
```

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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