

Converting Colors

XYZ(32.2362, 31.6043, 24.3918)

Have a look what the booklet for
XYZ(32.2362, 31.6043, 24.3918)
contains.

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Color

**XYZ(32.3959, 31.7469,
24.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	B1937F
RGB	177, 147, 127
RGB Percent	69%, 58%, 50%
CMY	0.3059, 0.4235, 0.5020
CMYK	0.00, 0.17, 0.28, 0.31
HSL	24°, 24%, 60%
HSV	24°, 28%, 69%
XYZ	32.3959, 31.7469, 24.4990
YIQ	153.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

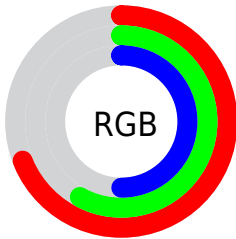
Format	Color
RYB	177, 160, 127
Decimal	11637631
CIELab	63.13, 8.17, 14.79
CIElCh	63, 16.900, 61.078
Yxy	31.7469, 0.3655, 0.3581
Android (android.graphics.Color)	4289827711 (0xFFB1937F)
YUV	153.6900, -13.1582, 20.4429
Hunter-Lab	56.3444, 4.0281, 13.6613

Details

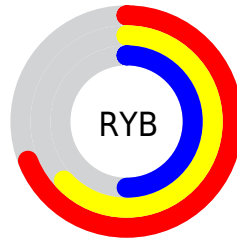
The XYZ color **32.3959, 31.7469, 24.4990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7447, 31.7991, 46.2177**, and the grayscale version is **30.6284, 32.2234, 35.0913**.

A 20% lighter version of the original color is **62.7291, 62.3922, 51.9167**, and **13.8702, 13.2009, 9.0247** is the 20% darker color. If you saturate the color by 10%, you get **29.7667, 28.1750, 18.4226**, and if you desaturate by 10%, it is **35.3819, 35.7076, 31.6949**.

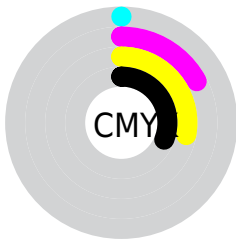
Distribution



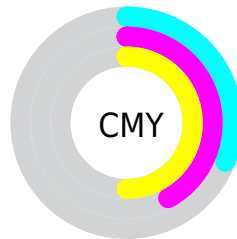
- Red (69%)
- Green (58%)
- Blue (50%)



- Red (69%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (31%)




- Cyan (31%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3959, 31.7469, 24.4990 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 32.3959, 31.7469, 24.4990 by changing the saturation by 10% instead.


 32.3959, 31.7469,
24.4990


 32.3959, 31.7469,
24.4990


304.6321,
309.9647, 288.7010


 21.8211, 21.1683,
15.4886


 62.7922, 62.4141,
51.7973

 13.8414, 13.2470,
9.0126


 83.3445, 83.2714,
70.9222

 8.0914, 7.5989,
4.6525


 107.9532,
108.3238, 94.2557

 4.2058, 3.8394,
1.9897

136.9838,
137.9556, 122.2164

 1.8192, 1.5841,
0.5489

170.8017,
172.5511, 155.2227

 0.5292, 0.3469,
0.0000

209.7721,

 0.0000, 0.0000,

212.4949, 193.6932

0.0000

254.2605,
258.1713, 238.0465

■ 32.3959, 31.7469,
24.4990

■ 32.3959, 31.7469,
24.4990

■ 29.7667, 28.1750,
18.4226

■ 35.3819, 35.7076,
31.6949

■ 27.4770, 24.9752,
13.4066

■ 38.7361, 40.0647,
40.0614

■ 25.5119, 22.1357,
9.3891

■ 42.4721, 44.8308,
49.6488

■ 23.8541, 19.6424,
6.3014

■ 46.6023, 50.0167,
60.5039

■ 22.4843, 17.4801,
4.0654

■ 51.1385, 55.6329,
72.6711

■ 21.3807, 15.6320,
2.5902

■ 56.0919, 61.6893,
86.1924

■ 20.5097, 14.0764,
1.7251

■ 61.4733, 68.1956,
101.1082

■ 20.3729, 13.8300,
1.5957

■ 65.0248, 74.2539,
105.5130

■ 68.1039, 80.4121,
106.5394

Harmonies

Analogous

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



34.1811, 31.7469, 28.3513



32.3959, 31.7469, 24.4990



30.0902, 31.7469, 23.2492

Triad

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



32.3959, 31.7469, 24.4990



25.9087, 31.7469, 34.8092



32.5494, 31.7469, 46.7764

Complementary

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



32.3959, 31.7469, 24.4990



28.7447, 31.7991, 46.2177

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.



30.2589, 31.7469, 49.0656



32.3959, 31.7469, 24.4990



26.4939, 31.7469, 41.6306

Square

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



32.3959, 31.7469, 24.4990



26.4166, 31.7469, 28.7197



28.0570, 31.7469, 47.0728



34.2729, 31.7469, 41.1585

Rectangle

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



32.3959, 31.7469, 24.4990



28.5900, 31.7469, 23.9135



28.0570, 31.7469, 47.0728



31.8164, 31.7469, 47.9910

Sweetspot

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



32.3967, 31.7484, 24.4997



69.4458, 71.8456, 71.9275



31.8068, 26.9605, 35.4260



14.8478, 15.3096, 15.0769



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.3967, 31.7484, 24.4997



54.9663, 52.7286, 36.7593



36.7148, 40.3845, 25.9390



8.7661, 9.0447, 8.9363



14.8170, 10.1325, 1.1748



0.5241, 0.4346, 0.0563

Inverse Universe

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



28.7447, 31.7991, 46.2177



47.3212, 52.8265, 82.1977



24.9398, 24.1893, 44.9494



8.4517, 9.0496, 10.8076



9.5585, 9.9174, 31.5475



0.3560, 0.4225, 1.0110

Previews

White Background



This preview shows how the XYZ color 32.3959, 31.7469, 24.4990 looks on a white background.

Color Contrast Check

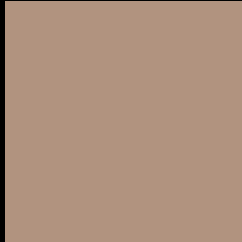
Large Text (above 18pt) WCAG AA × Fail

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 32.3959, 31.7469, 24.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

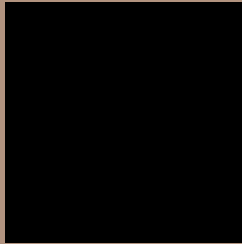
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3959, 31.7469, 24.4990

Background



This preview shows how black text looks on a background with the XYZ color 32.3959, 31.7469, 24.4990.



This preview shows how white text looks on a background with the XYZ color 32.3959, 31.7469,

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

32.3959, 31.7469, 24.4990

Protanopia

30.1184, 31.9712, 25.7027

Deuteranopia

32.3959, 31.7469, 24.4990



Tritanopia

34.4776, 31.6813, 34.8698

Trichromacy



Original Color

32.3959, 31.7469, 24.4990

Protanomaly

30.9654, 31.9337, 25.3006

Deuteranomaly

32.3959, 31.7469, 24.4990

Tritanomaly

33.5977, 31.5438, 30.7033

Monochromacy



Original Color

32.3959, 31.7469, 24.4990

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0009, 31.8282, 30.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3959, 31.7469, 24.4990 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(177, 147, 127)` looks like.

```
.text, #text, p{  
    color:rgb(177, 147, 127)  
}
```

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(177, 147, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 147, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.3959, 31.7469, 24.4990 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(177, 147, 127) }
```


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

```
.border{ border-color:rgb(177, 147, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 147, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 147, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 147, 127);  
box-shadow:4px 4px 4px 4px rgb(177, 147,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3959, 31.7469, 24.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 147, 127) }
```

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

```
.background{ background-color: rgb(177,  
147, 127) }
```

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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