

Converting Colors

XYZ(32.4959, 31.3960, 24.0013)

Have a look what the booklet for
XYZ(32.4959, 31.3960, 24.0013)
contains.

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Color

**XYZ(32.4817, 31.3409,
24.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	B3917E
RGB	179, 145, 126
RGB Percent	70%, 57%, 49%
CMY	0.2980, 0.4314, 0.5059
CMYK	0.00, 0.19, 0.30, 0.30
HSL	22°, 26%, 60%
HSV	22°, 30%, 70%
XYZ	32.4817, 31.3409, 24.0761
YIQ	153.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

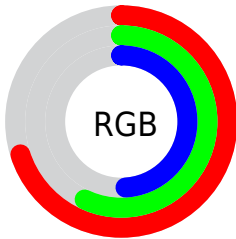
Format	Color
RYB	179, 156, 126
Decimal	11768190
CIELab	62.79, 9.94, 14.91
CIELCh	63, 17.922, 56.310
Yxy	31.3409, 0.3695, 0.3566
Android (android.graphics.Color)	4289958270 (0xFFB3917E)
YUV	153.0000, -13.3110, 22.8020
Hunter-Lab	55.9829, 5.5968, 13.6897

Details

The XYZ color **32.4817, 31.3409, 24.0761** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3113, 32.8308, 47.4400**, and the grayscale version is **30.3270, 31.9064, 34.7461**.

A 20% lighter version of the original color is **62.8211, 61.7637, 51.2584**, and **13.8892, 13.0802, 8.8139** is the 20% darker color. If you saturate the color by 10%, you get **29.7619, 27.5872, 17.9719**, and if you desaturate by 10%, it is **35.5872, 35.5348, 31.3293**.

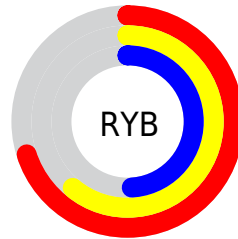
Distribution



Red (70%)

Green (57%)

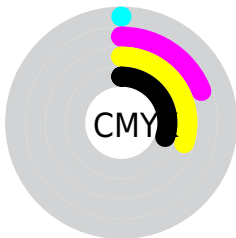
Blue (49%)



Red (70%)

Yellow (61%)

Blue (49%)

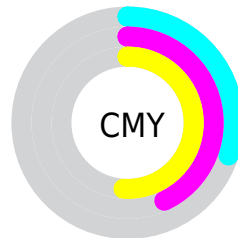


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4817, 31.3409, 24.0761 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 32.4817, 31.3409, 24.0761 by changing the saturation by 10% instead.


 32.4817, 31.3409,
24.0761


 32.4817, 31.3409,
24.0761


305.0142,
308.1058, 286.5039

 21.8870, 20.8586,
15.1774


 62.9256, 61.7764,
51.0997

 13.8900, 13.0207,
8.7960


 83.5055, 82.4983,
70.0617

 8.1254, 7.4428,
4.5133


 108.1446,
107.4023, 93.2152

 4.2278, 3.7405,
1.9110

137.2081,
136.8726, 120.9787

 1.8318, 1.5295,
0.4997

171.0615,
171.2937, 153.7708

 0.5367, 0.3094,
0.0000

210.0701,

 0.0000, 0.0000,

211.0501, 192.0100

0.0000

254.5992,
256.5259, 236.1149

■ 32.4817, 31.3409,
24.0761

■ 32.4817, 31.3409,
24.0761

■ 29.7619, 27.5872,
17.9719

■ 35.5872, 35.5348,
31.3293

■ 27.4091, 24.2546,
12.9548

■ 39.0911, 40.1788,
39.7848

■ 25.4065, 21.3285,
8.9603

■ 43.0086, 45.2877,
49.4952

■ 23.7350, 18.7923,
5.9159

■ 47.3534, 50.8743,
60.5092

■ 22.3732, 16.6275,
3.7397

■ 52.1383, 56.9511,
72.8729

■ 21.2969, 14.8141,
2.3353

■ 57.3758, 63.5298,
86.6301

■ 20.4636, 13.3238,
1.5133

■ 63.0777, 70.6221,
101.8229

■ 20.4342, 13.2712,
1.4846

■ 66.8836, 77.2901,
106.0011

■ 70.3125, 84.1478,
107.1440

Harmonies

Analogous

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



34.2189, 31.3409, 28.4822



32.4817, 31.3409, 24.0761



30.0931, 31.3409, 22.3440

Triad

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



32.4817, 31.3409, 24.0761



25.3261, 31.3409, 33.2630



31.9280, 31.3409, 47.7193

Complementary

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



32.4817, 31.3409, 24.0761



29.3113, 32.8308, 47.4400

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.



29.4861, 31.3409, 49.4544



32.4817, 31.3409, 24.0761



25.7582, 31.3409, 40.4676

Square

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



32.4817, 31.3409, 24.0761



26.0347, 31.3409, 27.1683



27.2486, 31.3409, 46.6406



33.8871, 31.3409, 42.1779

Rectangle

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



32.4817, 31.3409, 24.0761



28.4838, 31.3409, 22.7349



27.2486, 31.3409, 46.6406



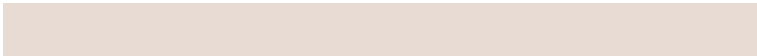
31.1326, 31.3409, 48.7972

Sweetspot

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



32.4825, 31.3424, 24.0767



70.3149, 72.3583, 71.9974



32.4361, 27.0596, 36.9782



15.3666, 15.7526, 15.4333



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4825, 31.3424, 24.0767



54.6941, 51.3450, 35.2578



36.9288, 40.2349, 25.5588



8.7375, 8.9874, 8.9268



14.4964, 9.4914, 1.0680



0.5126, 0.4116, 0.0524

Inverse Universe

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



29.3113, 32.8308, 47.4400



48.0213, 54.4590, 84.3618



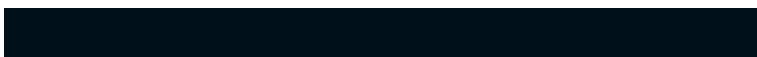
25.2594, 24.7271, 46.0894



8.4812, 9.1087, 10.8175



10.1305, 11.0614, 31.7381



0.3715, 0.4536, 1.0162

Previews

White Background



This preview shows how the XYZ color 32.4817, 31.3409, 24.0761 looks on a white background.

Color Contrast Check

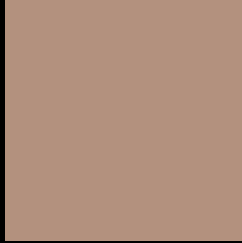
Large Text (above 18pt) WCAG AA × Fail

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 32.4817, 31.3409, 24.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

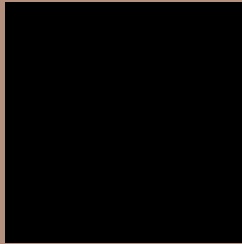
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4817, 31.3409, 24.0761

Background



This preview shows how black text looks on a background with the XYZ color 32.4817, 31.3409, 24.0761.



This preview shows how white text looks on a background with the XYZ color 32.4817, 31.3409,

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

32.4817, 31.3409, 24.0761

Protanopia

29.6879, 31.5150, 25.2872

Deuteranopia

31.9493, 31.2942, 24.0951



Tritanopia

34.4838, 31.2618, 33.9224

Trichromacy



Original Color

32.4817, 31.3409, 24.0761

Protanomaly

30.5801, 31.2689, 24.8458

Deuteranomaly

32.1762, 31.4112, 24.1058

Tritanomaly

33.6870, 31.1529, 30.2242

Monochromacy



Original Color

32.4817, 31.3409, 24.0761

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7646, 31.4772, 30.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4817, 31.3409, 24.0761 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(179, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(179, 145, 126)  
}
```

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(179, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 145, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.4817, 31.3409, 24.0761 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(179, 145, 126) }
```


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

```
.border{ border-color:rgb(179, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(179, 145,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4817, 31.3409, 24.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 145, 126) }
```

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

```
.background{ background-color: rgb(179,  
145, 126) }
```

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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