

Converting Colors

XYZ(32.4840, 34.1356, 32.1670)

Have a look what the booklet for
XYZ(32.4840, 34.1356, 32.1670)
contains.

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Color

**XYZ(32.3495, 33.9758,
32.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	A39D92
RGB	163, 157, 146
RGB Percent	64%, 62%, 57%
CMY	0.3608, 0.3843, 0.4274
CMYK	0.00, 0.04, 0.10, 0.36
HSL	39°, 8%, 61%
HSV	39°, 10%, 64%
XYZ	32.3495, 33.9758, 32.0471
YIQ	157.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

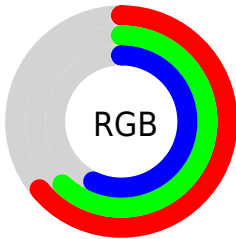
Format	Color
RYB	155, 163, 146
Decimal	10722706
CIELab	64.94, 0.20, 6.52
CIELCh	65, 6.524, 88.213
Yxy	33.9758, 0.3288, 0.3454
Android (android.graphics.Color)	4288912786 (0xFFA39D92)
YUV	157.5400, -5.6892, 4.7884
Hunter-Lab	58.2888, -2.9402, 8.2046

Details

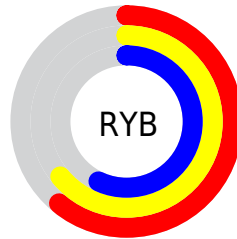
The XYZ color **32.3495, 33.9758, 32.0471** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6930, 31.2111, 39.1099**, and the grayscale version is **32.3146, 33.9975, 37.0233**.

A 20% lighter version of the original color is **62.8823, 66.1625, 64.1000**, and **13.8209, 14.5321, 13.1429** is the 20% darker color. If you saturate the color by 10%, you get **30.2212, 31.6055, 25.5217**, and if you desaturate by 10%, it is **34.7063, 36.5130, 39.5415**.

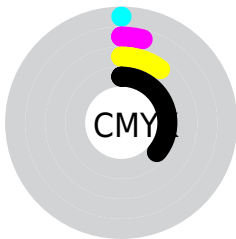
Distribution



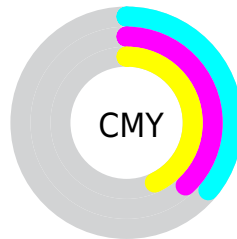
- Red (64%)
- Green (62%)
- Blue (57%)



- Red (61%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3495, 33.9758, 32.0471 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 32.3495, 33.9758, 32.0471 by changing the saturation by 10% instead.

■ 32.3495, 33.9758,
32.0471

■ 32.3495, 33.9758,
32.0471

304.4253,
320.0241, 325.8331

■ 21.7854, 22.8750,
21.1324

■ 62.7201, 65.8960,
63.9837

■ 13.8150, 14.5012,
13.0286

■ 83.2573, 87.4843,
85.8426

■ 8.0730, 8.4701,
7.3173

107.8497,
113.3371, 112.1867

■ 4.1939, 4.3972,
3.5799

136.8625,
143.8389, 143.4344

■ 1.8124, 1.8981,
1.3978

170.6611,
179.3742, 180.0044

■ 0.5251, 0.5473,
0.1400

209.6109,

■ 0.0000, 0.0000,

220.3272, 222.3152

0.0000

254.0772,
267.0824, 270.7852

■ 32.3495, 33.9758,
32.0471

■ 32.3495, 33.9758,
32.0471

■ 30.2212, 31.6055,
25.5217

■ 34.7063, 36.5130,
39.5415

■ 28.3103, 29.3933,
19.9228

■ 37.2965, 39.2167,
48.0405

■ 26.6091, 27.3362,
15.2079

■ 40.1285, 42.0923,
57.5809

■ 25.1080, 25.4294,
11.3305

■ 43.2093, 45.1435,
68.1967

■ 23.7967, 23.6676,
8.2397

■ 46.5456, 48.3740,
79.9203

■ 22.6639, 22.0453,
5.8787

■ 50.1439, 51.7872,
92.7831

■ 21.6967, 20.5562,
4.1837

■ 53.1779, 55.0536,
102.4314

■ 20.8801, 19.1932,
3.0789

■ 54.5107, 57.7192,
102.8756

■ 20.2074, 17.9927,
2.4079

■ 55.8938, 60.4855,
103.3367

Harmonies

Analogous

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



33.2566, 33.9758, 32.7571



32.3495, 33.9758, 32.0471



31.4442, 33.9758, 32.6081

Triad

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



32.3495, 33.9758, 32.0471



30.7229, 33.9758, 39.5010



33.8573, 33.9758, 39.7944

Complementary

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



32.3495, 33.9758, 32.0471



29.6930, 31.2111, 39.1099

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.



33.1569, 33.9758, 41.7562



32.3495, 33.9758, 32.0471



31.3482, 33.9758, 41.5811

Square

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



32.3495, 33.9758, 32.0471



30.5161, 33.9758, 36.8323



32.2365, 33.9758, 42.4252



34.1376, 33.9758, 37.1559

Rectangle

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



32.3495, 33.9758, 32.0471



30.9611, 33.9758, 33.6435



32.2365, 33.9758, 42.4252



33.6625, 33.9758, 40.5596

Sweetspot

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



32.3504, 33.9773, 32.0478



61.0076, 64.1699, 67.1186



31.0701, 30.6194, 34.0790



13.6262, 14.3311, 14.8316



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.3504, 33.9773, 32.0478



56.8240, 59.6265, 53.9360



32.9301, 35.8194, 32.3728



7.4382, 7.8147, 7.4965



15.7486, 14.0711, 1.8860



0.3728, 0.3794, 0.0536

Inverse Universe

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



29.6930, 31.2111, 39.1099



50.8956, 53.4557, 69.6916



29.1512, 29.5234, 38.8127



6.8954, 7.2497, 8.9390



6.3336, 4.4465, 27.4542



0.1763, 0.1799, 0.5913

Previews

White Background



This preview shows how the XYZ color 32.3495, 33.9758, 32.0471 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 32.3495, 33.9758, 32.0471 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

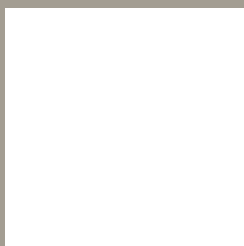
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3495, 33.9758, 32.0471

Background



This preview shows how black text looks on a background with the XYZ color 32.3495, 33.9758, 32.0471.

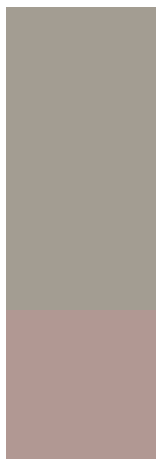


This preview shows how white text looks on a background with the XYZ color 32.3495, 33.9758,

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

32.3495, 33.9758, 32.0471

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.6262, 33.9102, 32.3241



Tritanopia

34.1644, 33.9714, 40.8329

Trichromacy



Original Color

32.3495, 33.9758, 32.0471

Protanomaly

32.3495, 33.9758, 32.0471

Deuteranomaly

33.8353, 33.9884, 32.3809

Tritanomaly

33.4964, 33.9452, 37.5875

Monochromacy



Original Color

32.3495, 33.9758, 32.0471

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5568, 34.2604, 35.4688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3495, 33.9758, 32.0471 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(163, 157, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 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(163, 157, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.3495, 33.9758, 32.0471 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(163, 157, 146) }
```


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

```
.border{ border-color:rgb(163, 157, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 157, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 157, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 157, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 157,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3495, 33.9758, 32.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 146) }
```

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

```
.background{ background-color: rgb(163,  
157, 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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