

Converting Colors

XYZ(32.3202, 34.4398, 33.3779)

Have a look what the booklet for
XYZ(32.3202, 34.4398, 33.3779)
contains.

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Color

**XYZ(32.3202, 34.4398,
33.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	A09F95
RGB	160, 159, 149
RGB Percent	63%, 62%, 58%
CMY	0.3725, 0.3765, 0.4157
CMYK	0.00, 0.01, 0.07, 0.37
HSL	55°, 5%, 61%
HSV	55°, 7%, 63%
XYZ	32.3202, 34.4398, 33.3779
YIQ	158.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

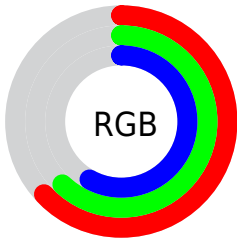
Format	Color
R_{YB}	150, 160, 149
Decimal	10526613
CIE Lab	65.31, -1.48, 5.34
CIE LCh	65, 5.538, 105.532
Yxy	34.4398, 0.3228, 0.3439
Android (android.graphics.Color)	4288716693 (0xFFA09F95)
YUV	158.1590, -4.5154, 1.6146
Hunter-Lab	58.6854, -4.3931, 7.3580

Details

The XYZ color **32.3202, 34.4398, 33.3779** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6460, 30.7400, 37.6291**, and the grayscale version is **32.5910, 34.2883, 37.3399**.

A 20% lighter version of the original color is **62.8504, 66.8520, 66.0911**, and **13.8738, 14.8582, 13.6920** is the 20% darker color. If you saturate the color by 10%, you get **30.8820, 33.4689, 27.0232**, and if you desaturate by 10%, it is **33.9388, 35.4898, 40.6594**.

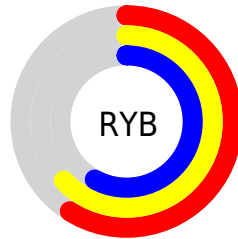
Distribution



Red (63%)

Green (62%)

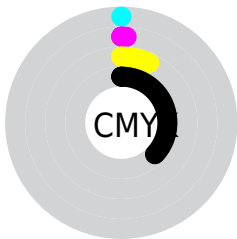
Blue (58%)



Red (59%)

Yellow (63%)

Blue (58%)

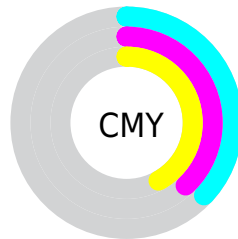


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3202, 34.4398, 33.3779 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 32.3202, 34.4398, 33.3779 by changing the saturation by 10% instead.

■ 32.3202, 34.4398,
33.3779

■ 32.3202, 34.4398,
33.3779

304.2947,
322.0887, 332.0332

■ 21.7629, 23.2317,
22.1426

■ 62.6745, 66.6170,
66.0879

■ 13.7984, 14.7647,
13.7624

■ 83.2023, 88.3549,
88.3996

■ 8.0614, 8.6544,
7.8187

107.7843,
114.3715, 115.2406

■ 4.1864, 4.5164,
3.8931

136.7858,
145.0511, 147.0294

■ 1.8081, 1.9664,
1.5669

170.5723,
180.7783, 184.1846

■ 0.5225, 0.5879,
0.2670

209.5090,

■ 0.0000, 0.0000,

221.9373, 227.1245

0.0000

253.9614,
268.9127, 276.2679

■ 32.3202, 34.4398,
33.3779

■ 32.3202, 34.4398,
33.3779

■ 30.8820, 33.4689,
27.0232

■ 33.9388, 35.4898,
40.6594

■ 29.6142, 32.5697,
21.5557

■ 35.7416, 36.6170,
48.9009

■ 28.5101, 31.7407,
16.9361

■ 37.7359, 37.8256,
58.1365

■ 27.5616, 30.9785,
13.1213

■ 39.9279, 39.1179,
68.3980

■ 26.7597, 30.2796,
10.0645

■ 42.3232, 40.4964,
79.7160

■ 26.0947, 29.6400,
7.7140

■ 44.9275, 41.9631,
92.1195

■ 25.5554, 29.0553,
6.0116

■ 46.7644, 43.1277,
100.4675

■ 25.1290, 28.5204,
4.8900

■ 47.0361, 43.6710,
100.5580

■ 24.7962, 28.0274,
4.2465

■ 47.3107, 44.2203,
100.6496

Harmonies

Analogous

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



33.1232, 34.4398, 33.3581



32.3202, 34.4398, 33.3779



31.6390, 34.4398, 34.4711

Triad

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



32.3202, 34.4398, 33.3779



31.6589, 34.4398, 40.7611



34.2598, 34.4398, 38.6205

Complementary

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



32.3202, 34.4398, 33.3779



29.6460, 30.7400, 37.6291

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.



33.8540, 34.4398, 40.6994



32.3202, 34.4398, 33.3779



32.3478, 34.4398, 41.9693

Square

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



32.3202, 34.4398, 33.3779



31.2615, 34.4398, 38.7018



33.1513, 34.4398, 41.9463



34.2521, 34.4398, 36.3215

Rectangle

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



32.3202, 34.4398, 33.3779



31.3417, 34.4398, 35.6882



33.1513, 34.4398, 41.9463



34.1669, 34.4398, 39.3702

Sweetspot

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



32.3212, 34.4413, 33.3786



60.0644, 63.4378, 66.7847



30.7582, 31.1743, 33.2930



13.1808, 13.9179, 14.6818



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.3212, 34.4413, 33.3786



58.3330, 62.3012, 59.0364



31.6291, 34.3401, 33.3956



7.1187, 7.6175, 7.0808



19.2566, 21.7488, 3.1830



0.3578, 0.4158, 0.0614

Inverse Universe

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



29.6460, 30.7400, 37.6291



52.6205, 54.3974, 68.1129



30.3056, 30.8448, 37.6145



6.3307, 6.5272, 8.3329



5.0860, 2.2635, 26.0761



0.1034, 0.0655, 0.4704

Previews

White Background



This preview shows how the XYZ color 32.3202, 34.4398, 33.3779 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 32.3202, 34.4398, 33.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

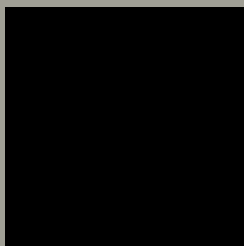
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3202, 34.4398, 33.3779

Background



This preview shows how black text looks on a background with the XYZ color 32.3202, 34.4398, 33.3779.



This preview shows how white text looks on a background with the XYZ color 32.3202, 34.4398,

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

32.3202, 34.4398, 33.3779

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.0277, 34.3316, 33.6347



Tritanopia

34.0606, 34.3906, 41.8887

Trichromacy



Original Color

32.3202, 34.4398, 33.3779

Protanomaly

32.6764, 34.3784, 32.9304

Deuteranomaly

34.0210, 34.3026, 33.6821

Tritanomaly

33.3903, 34.3685, 38.5921

Monochromacy



Original Color

32.3202, 34.4398, 33.3779

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4413, 34.1912, 35.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3202, 34.4398, 33.3779 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(160, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 149)  
}
```

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(160, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.3202, 34.4398, 33.3779 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(160, 159, 149) }
```


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

```
.border{ border-color:rgb(160, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3202, 34.4398, 33.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 149) }
```

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

```
.background{ background-color: rgb(160,  
159, 149) }
```

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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