

Converting Colors

XYZ(32.1268, 36.4250, 33.5671)

Have a look what the booklet for
XYZ(32.1268, 36.4250, 33.5671)
contains.

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Color

**XYZ(32.1924, 36.4828,
33.7789)**

Conversions

Conversions Part 1

Format	Color
Hex	98A795
RGB	152, 167, 149
RGB Percent	60%, 65%, 58%
CMY	0.4039, 0.3451, 0.4157
CMYK	0.09, 0.00, 0.11, 0.35
HSL	110°, 9%, 62%
HSV	110°, 11%, 65%
XYZ	32.1924, 36.4828, 33.7789
YIQ	160.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

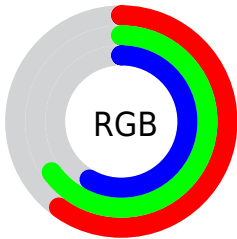
Format	Color
RYB	149, 167, 164
Decimal	10004373
CIELab	66.89, -8.74, 7.52
CIELCh	67, 11.529, 139.305
Yxy	36.4828, 0.3142, 0.3561
Android (android.graphics.Color)	4288194453 (0xFF98A795)
YUV	160.4630, -5.6513, -7.4221
Hunter-Lab	60.4010, -10.5652, 9.1231

Details

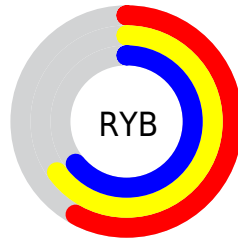
The XYZ color **32.1924, 36.4828, 33.7789** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0339, 32.1785, 41.0312**, and the grayscale version is **33.6546, 35.4072, 38.5585**.

A 20% lighter version of the original color is **62.3544, 69.6762, 66.6623**, and **13.7022, 15.9100, 13.9040** is the 20% darker color. If you saturate the color by 10%, you get **28.4999, 34.7235, 27.1381**, and if you desaturate by 10%, it is **36.3839, 38.4794, 41.4427**.

Distribution



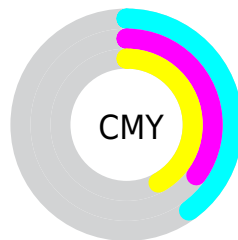
- Red (60%)
- Green (65%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1924, 36.4828, 33.7789 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 32.1924, 36.4828, 33.7789 by changing the saturation by 10% instead.

■ 32.1924, 36.4828,
33.7789

■ 32.1924, 36.4828,
33.7789

303.7245,
331.0659, 333.8841

■ 21.6648, 24.8073,
22.4478

■ 62.4757, 69.7766,
66.7197

■ 13.7260, 15.9335,
13.9849

■ 82.9622, 92.1637,
89.1664

■ 8.0108, 9.4771,
7.9715

107.4989,
118.8901, 116.1554

■ 4.1537, 5.0537,
3.9892

136.4513,
150.3403, 148.1053

■ 1.7895, 2.2788,
1.6194

170.1847,
186.8985, 185.4346

■ 0.5113, 0.7625,
0.3046

209.0644,

■ 0.0000, 0.0000,

228.9493, 228.5618

0.0000

253.4559,
276.8769, 277.9054

■ 32.1924, 36.4828,
33.7789

■ 32.1924, 36.4828,
33.7789

■ 28.4999, 34.7235,
27.1381

■ 36.3839, 38.4794,
41.4427

■ 25.2847, 33.1880,
21.4747

■ 41.0890, 40.7167,
50.1676

■ 22.5280, 31.8687,
16.7433

■ 46.3254, 43.2041,
59.9928

■ 20.2086, 30.7558,
12.8939

■ 52.1091, 45.9491,
70.9548

■ 18.3036, 29.8387,
9.8719

■ 58.4555, 48.9588,
83.0883

■ 16.7880, 29.1057,
7.6167

■ 65.3792, 52.2401,
96.4267

■ 15.6339, 28.5440,
6.0591

■ 71.0886, 55.0771,
101.4919

■ 14.8094, 28.1390,
5.1178

■ 73.1095, 56.1189,
101.5865

■ 14.2936, 27.8833,
4.6287

Harmonies

Analogous

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



33.5778, 36.4828, 31.3235



32.1924, 36.4828, 33.7789



31.4807, 36.4828, 37.9659

Triad

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



32.1924, 36.4828, 33.7789



34.0565, 36.4828, 49.9392



37.9414, 36.4828, 36.6293

Complementary

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



32.1924, 36.4828, 33.7789



33.0339, 32.1785, 41.0312

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.



38.0801, 36.4828, 41.5346



32.1924, 36.4828, 33.7789



35.7975, 36.4828, 49.5053

Square

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



32.1924, 36.4828, 33.7789



32.5327, 36.4828, 47.4677



37.2838, 36.4828, 46.3277



36.9110, 36.4828, 32.8711

Rectangle

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



32.1924, 36.4828, 33.7789



31.4674, 36.4828, 41.2984



37.2838, 36.4828, 46.3277



38.0952, 36.4828, 38.1893

Sweetspot

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



32.1934, 36.4844, 33.7797



63.3711, 68.0602, 70.9315



34.6382, 36.9381, 33.7384



14.0449, 15.1657, 15.6229



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.1934, 36.4844, 33.7797



55.9479, 64.5251, 57.4070



32.1307, 36.3952, 36.3428



7.5489, 8.4656, 8.0254



10.9663, 21.3506, 3.5431



0.2998, 0.5365, 0.0877

Inverse Universe

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



33.0339, 32.1785, 41.0312



57.7650, 55.2136, 73.0880



33.1182, 32.2845, 38.2057



7.7174, 7.6024, 9.4790



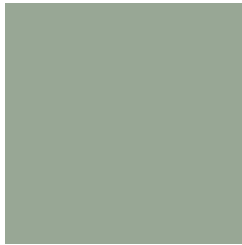
13.5428, 6.3650, 28.4903



0.3610, 0.1711, 0.6946

Previews

White Background



This preview shows how the XYZ color 32.1924, 36.4828, 33.7789 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 32.1924, 36.4828, 33.7789 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 32.1924, 36.4828, 33.7789

Background



This preview shows how black text looks on a background with the XYZ color 32.1924, 36.4828, 33.7789.



This preview shows how white text looks on a background with the XYZ color 32.1924, 36.4828,

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

32.1924, 36.4828, 33.7789

Protanopia

34.4708, 36.3510, 32.3938

Deuteranopia

36.9343, 36.2934, 34.3368



Tritanopia

34.6440, 36.3969, 46.2737

Trichromacy



Original Color

32.1924, 36.4828, 33.7789

Protanomaly

33.6462, 36.4440, 32.8648

Deuteranomaly

35.0445, 36.3497, 34.0233

Tritanomaly

33.6760, 36.2727, 41.3028

Monochromacy



Original Color

32.1924, 36.4828, 33.7789

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.0026, 35.7628, 36.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1924, 36.4828, 33.7789 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(152, 167, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 167, 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(152, 167, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 167, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.1924, 36.4828, 33.7789 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(152, 167, 149) }
```


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

```
.border{ border-color:rgb(152, 167, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 167, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 167, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 167, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 167,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1924, 36.4828, 33.7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 167, 149) }
```

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

```
.background{ background-color: rgb(152,  
167, 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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