

Converting Colors

XYZ(32.5990, 34.3292, 32.8837)

Have a look what the booklet for
XYZ(32.5990, 34.3292, 32.8837)
contains.

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Color

**XYZ(32.6764, 34.3784,
32.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	A39E94
RGB	163, 158, 148
RGB Percent	64%, 62%, 58%
CMY	0.3608, 0.3804, 0.4196
CMYK	0.00, 0.03, 0.09, 0.36
HSL	40°, 8%, 61%
HSV	40°, 9%, 64%
XYZ	32.6764, 34.3784, 32.9304
YIQ	158.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

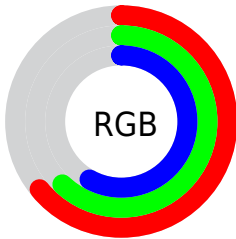
Format	Color
R_{YB}	156, 163, 148
Decimal	10722964
CIE _{Lab}	65.26, 0.00, 5.86
CIE _{LCh}	65, 5.858, 89.973
Yxy	34.3784, 0.3268, 0.3438
Android (android.graphics.Color)	4288913044 (0xFFA39E94)
YUV	158.3550, -5.1050, 4.0737
Hunter-Lab	58.6331, -3.1293, 7.7438

Details

The XYZ color **32.6764, 34.3784, 32.9304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2147, 31.7220, 39.1811**, and the grayscale version is **32.6819, 34.3839, 37.4441**.

A 20% lighter version of the original color is **63.3684, 66.7582, 65.4229**, and **13.9709, 14.7580, 13.4215** is the 20% darker color. If you saturate the color by 10%, you get **30.5705, 32.0878, 26.3050**, and if you desaturate by 10%, it is **35.0068, 36.8265, 40.5279**.

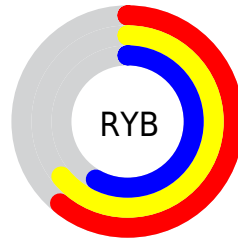
Distribution



Red (64%)

Green (62%)

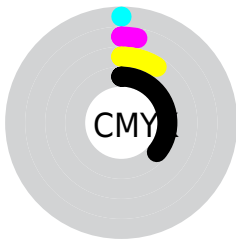
Blue (58%)



Red (61%)

Yellow (64%)

Blue (58%)

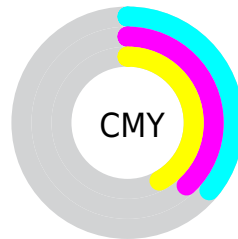


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6764, 34.3784, 32.9304 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 32.6764, 34.3784, 32.9304 by changing the saturation by 10% instead.

■ 32.6764, 34.3784,
32.9304

■ 32.6764, 34.3784,
32.9304

305.8799,
321.8160, 329.9584

■ 22.0367, 23.1844,
21.8025

■ 63.2280, 66.5217,
65.3816

■ 14.0006, 14.7298,
13.5149

■ 83.8707, 88.2398,
87.5420

■ 8.2028, 8.6299,
7.6492

108.5784,
114.2348, 114.2168

■ 4.2779, 4.5006,
3.7868

137.7165,
144.8910, 145.8248

■ 1.8605, 1.9574,
1.5091

171.6503,
180.5928, 182.7844

■ 0.5537, 0.5825,
0.2247

210.7453,

■ 0.0000, 0.0000,

221.7247, 225.5142

0.0000

255.3667,
268.6709, 274.4327

■ 32.6764, 34.3784,
32.9304

■ 32.6764, 34.3784,
32.9304

■ 30.5705, 32.0878,
26.3050

■ 35.0068, 36.8265,
40.5279

■ 28.6783, 29.9462,
20.6096

■ 37.5666, 39.4316,
49.1329

■ 26.9920, 27.9508,
15.8021

■ 40.3639, 42.1988,
58.7818

■ 25.5025, 26.0970,
11.8365

■ 43.4055, 45.1316,
69.5084

■ 24.1996, 24.3798,
8.6623

■ 46.6982, 48.2335,
81.3451

■ 23.0722, 22.7941,
6.2240

■ 50.2482, 51.5078,
94.3227

■ 22.1078, 21.3337,
4.4585

■ 52.8969, 54.4917,
102.3377

■ 21.2918, 19.9919,
3.2919

■ 54.1440, 56.9859,
102.7534

■ 20.5948, 18.7561,
2.5722

■ 55.4359, 59.5697,
103.1841

Harmonies

Analogous

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



33.5029, 34.3784, 33.5124



32.6764, 34.3784, 32.9304



31.8634, 34.3784, 33.5103

Triad

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



32.6764, 34.3784, 32.9304



31.2759, 34.3784, 39.8274



34.1158, 34.3784, 39.8313

Complementary

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



32.6764, 34.3784, 32.9304



30.2147, 31.7220, 39.1811

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.



33.5016, 34.3784, 41.6488



32.6764, 34.3784, 32.9304



31.8621, 34.3784, 41.6464

Square

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



32.6764, 34.3784, 32.9304



31.0634, 34.3784, 37.4301



32.6749, 34.3784, 42.3267



34.3427, 34.3784, 37.4344

Rectangle

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



32.6764, 34.3784, 32.9304



31.4362, 34.3784, 34.4929



32.6749, 34.3784, 42.3267



33.9472, 34.3784, 40.5340

Sweetspot

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



32.6773, 34.3799, 32.9311



61.0383, 64.2313, 67.1288



31.4443, 31.2667, 34.5152



13.6348, 14.3484, 14.8345



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.



32.6773, 34.3799, 32.9311



57.7353, 60.7276, 56.4641



33.0402, 35.8581, 33.1973



7.4497, 7.8378, 7.5003



16.0074, 14.5886, 1.9722



0.3770, 0.3878, 0.0550

Inverse Universe

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



30.2147, 31.7220, 39.1811



52.4373, 55.0097, 69.9103



29.8711, 30.3562, 38.9356



6.8843, 7.2275, 8.9353



6.2120, 4.2033, 27.4137



0.1725, 0.1723, 0.5900

Previews

White Background



This preview shows how the XYZ color 32.6764, 34.3784, 32.9304 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 32.6764, 34.3784, 32.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

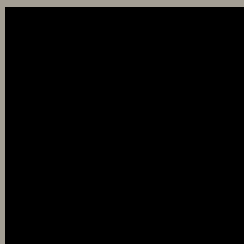
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

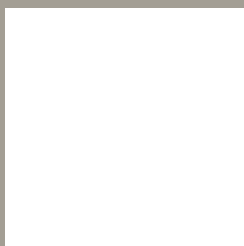
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6764, 34.3784, 32.9304

Background



This preview shows how black text looks on a background with the XYZ color 32.6764, 34.3784, 32.9304.



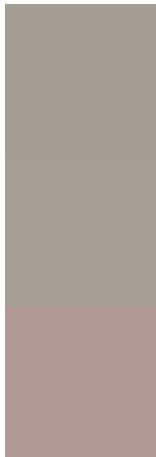
This preview shows how white text looks on a background with the XYZ color 32.6764, 34.3784,

32.9304.

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

32.6764, 34.3784, 32.9304

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

34.9475, 34.2995, 33.2123



Tritanopia

34.4223, 34.3397, 41.3732

Trichromacy



Original Color

32.6764, 34.3784, 32.9304

Protanomaly

32.8820, 34.4844, 32.9401

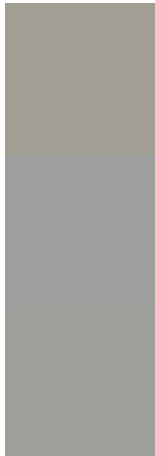
Deuteranomaly

34.1594, 34.3833, 33.2700

Tritanomaly

33.7507, 34.3143, 38.1022

Monochromacy



Original Color

32.6764, 34.3784, 32.9304

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 32.6764, 34.3784, 32.9304 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, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(163, 158, 148)  
}
```

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, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.6764, 34.3784, 32.9304 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, 158, 148) }
```


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

```
.border{ border-color:rgb(163, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(163, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6764, 34.3784, 32.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 158, 148) }
```

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

```
.background{ background-color: rgb(163,  
158, 148) }
```

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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