

Converting Colors

XYZ(32.2494, 33.3416, 32.8046)

Have a look what the booklet for
XYZ(32.2494, 33.3416, 32.8046)
contains.

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Color

**XYZ(32.3765, 33.4733,
32.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	A49B94
RGB	164, 155, 148
RGB Percent	64%, 61%, 58%
CMY	0.3569, 0.3921, 0.4196
CMYK	0.00, 0.05, 0.10, 0.36
HSL	26°, 8%, 61%
HSV	26°, 10%, 64%
XYZ	32.3765, 33.4733, 32.7715
YIQ	156.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

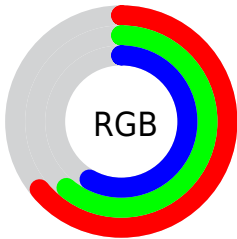
Format	Color
RYB	164, 160, 148
Decimal	10787732
CIELab	64.54, 2.03, 4.83
CIELCh	65, 5.243, 67.229
Yxy	33.4733, 0.3283, 0.3394
Android (android.graphics.Color)	4288977812 (0xFFA49B94)
YUV	156.8930, -4.3842, 6.2328
Hunter-Lab	57.8561, -1.3589, 6.9156

Details

The XYZ color **32.3765, 33.4733, 32.7715** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9705, 33.0897, 39.8770**, and the grayscale version is **32.0172, 33.6845, 36.6825**.

A 20% lighter version of the original color is **62.6746, 64.9253, 65.1056**, and **13.7901, 14.2084, 13.3249** is the 20% darker color. If you saturate the color by 10%, you get **29.6929, 30.0382, 25.9199**, and if you desaturate by 10%, it is **35.3631, 37.2194, 40.6324**.

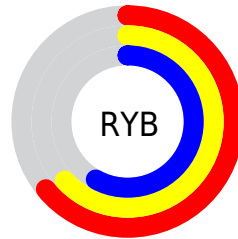
Distribution



Red (64%)

Green (61%)

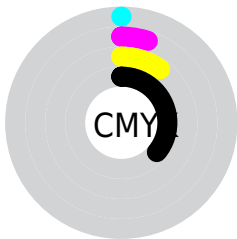
Blue (58%)



Red (64%)

Yellow (63%)

Blue (58%)

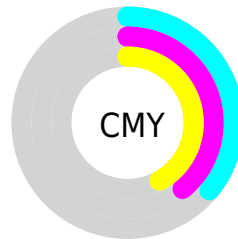


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3765, 33.4733, 32.7715 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 32.3765, 33.4733, 32.7715 by changing the saturation by 10% instead.

■ 32.3765, 33.4733,
32.7715

■ 32.3765, 33.4733,
32.7715

304.5457,
317.7771, 329.2192

■ 21.8062, 22.4893,
21.6818

■ 62.7621, 65.1138,
65.1305

■ 13.8304, 14.2168,
13.4272

■ 83.3080, 86.5390,
87.2369

■ 8.0837, 8.2716,
7.5892

107.9099,
112.2134, 113.8525

■ 4.2008, 4.2693,
3.7492

136.9331,
142.5214, 145.3960

■ 1.8163, 1.8253,
1.4888

170.7429,
177.8474, 182.2859

■ 0.5275, 0.5029,
0.2096

209.7047,

■ 0.0000, 0.0000,

218.5757, 224.9407

0.0000

254.1838,
265.0908, 273.7790

■ 32.3765, 33.4733,
32.7715

■ 32.3765, 33.4733,
32.7715

■ 29.6929, 30.0382,
25.9199

■ 35.3631, 37.2194,
40.6324

■ 27.2993, 26.9015,
20.0340

■ 38.6598, 41.2799,
49.5395

■ 25.1857, 24.0558,
15.0703

■ 42.2767, 45.6641,
59.5302

■ 23.3404, 21.4921,
10.9810

■ 46.2228, 50.3793,
70.6398

■ 21.7507, 19.2006,
7.7140

■ 50.5065, 55.4325,
82.9016

■ 20.4029, 17.1709,
5.2116

■ 55.1361, 60.8306,
96.3479

■ 19.2816, 15.3919,
3.4083

■ 58.8375, 66.0675,
104.2590

■ 18.3690, 13.8512,
2.2275

■ 61.3187, 71.0299,
105.0860

■ 17.6299, 12.5289,
1.5006

■ 63.9353, 76.2632,
105.9583

Harmonies

Analogous

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



32.9769, 33.4733, 34.0059



32.3765, 33.4733, 32.7715



31.6343, 33.4733, 32.5031

Triad

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



32.3765, 33.4733, 32.7715



30.4068, 33.4733, 36.9687



32.6954, 33.4733, 39.8333

Complementary

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



32.3765, 33.4733, 32.7715



30.9705, 33.0897, 39.8770

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.



31.9971, 33.4733, 40.6971



32.3765, 33.4733, 32.7715



30.6815, 33.4733, 39.0016

Square

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



32.3765, 33.4733, 32.7715



30.5048, 33.4733, 34.8723



31.2608, 33.4733, 40.3870



33.1630, 33.4733, 38.0679

Rectangle

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



32.3765, 33.4733, 32.7715



31.1604, 33.4733, 32.8981



31.2608, 33.4733, 40.3870



32.4794, 33.4733, 40.2418

Sweetspot

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



32.3774, 33.4748, 32.7722



62.3390, 65.2526, 68.8382



31.9917, 31.5094, 36.3244



13.5345, 14.1479, 14.8011



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.



32.3774, 33.4748, 32.7722



57.5162, 59.1696, 56.2472



33.7410, 36.2018, 33.2267



7.3169, 7.5722, 7.4560



13.5507, 9.6753, 1.1533



0.3315, 0.2968, 0.0398

Inverse Universe

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



30.9705, 33.0897, 39.8770



54.3687, 58.3079, 72.1413



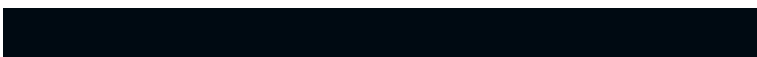
29.6720, 30.4927, 39.4442



7.0153, 7.4897, 8.9790



8.1351, 8.0495, 28.0547



0.2169, 0.2611, 0.6048

Previews

White Background



This preview shows how the XYZ color 32.3765, 33.4733, 32.7715 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 32.3765, 33.4733, 32.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

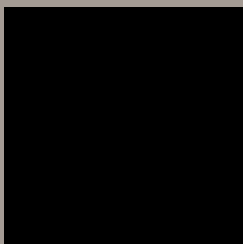
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

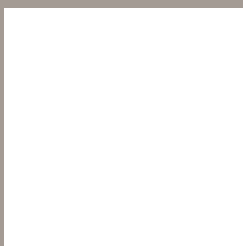
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3765, 33.4733, 32.7715

Background



This preview shows how black text looks on a background with the XYZ color 32.3765, 33.4733, 32.7715.



This preview shows how white text looks on a background with the XYZ color 32.3765, 33.4733,

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

32.3765, 33.4733, 32.7715

Protanopia

31.9317, 33.4921, 32.7986

Deuteranopia

34.1706, 33.4171, 33.0829



Tritanopia

33.9086, 33.6061, 40.2968

Trichromacy



Original Color

32.3765, 33.4733, 32.7715

Protanomaly

32.1341, 33.5964, 32.8081

Deuteranomaly

33.4476, 33.2843, 33.0954

Tritanomaly

33.3307, 33.6137, 37.5323

Monochromacy



Original Color

32.3765, 33.4733, 32.7715

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2184, 33.5836, 35.3560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3765, 33.4733, 32.7715 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(164, 155, 148) looks like.

```
.text, #text, p{  
    color:rgb(164, 155, 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(164, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.3765, 33.4733, 32.7715 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(164, 155, 148) }
```


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

```
.border{ border-color:rgb(164, 155, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(164, 155,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3765, 33.4733, 32.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 155, 148) }
```

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

```
.background{ background-color: rgb(164,  
155, 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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