

Converting Colors

XYZ(32.9415, 35.0347, 32.6299)

Have a look what the booklet for
XYZ(32.9415, 35.0347, 32.6299)
contains.

XYZ(32.9415, 35.0347, 32.6299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.9415, 35.0347,
32.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A093
RGB	163, 160, 147
RGB Percent	64%, 63%, 58%
CMY	0.3608, 0.3725, 0.4235
CMYK	0.00, 0.02, 0.10, 0.36
HSL	49°, 8%, 61%
HSV	49°, 10%, 64%
XYZ	32.9415, 35.0347, 32.6299
YIQ	159.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

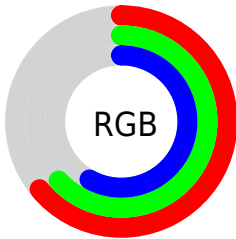
Format	Color
RYB	151, 163, 147
Decimal	10723475
CIELab	65.78, -1.27, 7.15
CIElCh	66, 7.265, 100.047
Yxy	35.0347, 0.3274, 0.3482
Android (android.graphics.Color)	4288913555 (0xFFA3A093)
YUV	159.4150, -6.1206, 3.1440
Hunter-Lab	59.1901, -4.2408, 8.7481

Details

The XYZ color **32.9415, 35.0347, 32.6299** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5498, 30.6595, 39.0111**, and the grayscale version is **33.1707, 34.8982, 38.0041**.

A 20% lighter version of the original color is **63.7565, 67.7233, 64.9699**, and **14.1355, 15.1613, 13.2477** is the 20% darker color. If you saturate the color by 10%, you get **31.2296, 33.5146, 26.1896**, and if you desaturate by 10%, it is **34.8496, 36.6564, 40.0306**.

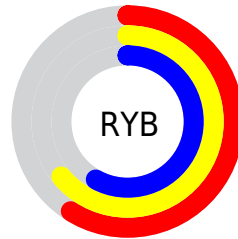
Distribution



Red (64%)

Green (63%)

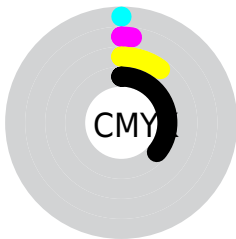
Blue (58%)



Red (59%)

Yellow (64%)

Blue (58%)

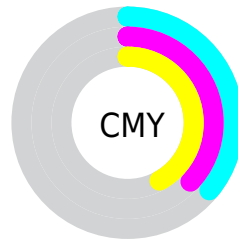


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9415, 35.0347, 32.6299 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 32.9415, 35.0347, 32.6299 by changing the saturation by 10% instead.

■ 32.9415, 35.0347,
32.6299

■ 32.9415, 35.0347,
32.6299

307.0557,
324.7215, 328.5595

■ 22.2407, 23.6896,
21.5743

■ 63.6395, 67.5395,
64.9066

■ 14.1514, 15.1035,
13.3491

■ 84.3673, 89.4680,
86.9648

■ 8.3085, 8.8921,
7.5358

109.1682,
115.6931, 113.5276

■ 4.3464, 4.6709,
3.7159

138.4075,
146.5993, 145.0135

■ 1.8999, 2.0555,
1.4708

172.4505,
182.5707, 181.8411

■ 0.5768, 0.6394,
0.1961

211.6627,

■ 0.0000, 0.0000,

223.9920, 224.4290

0.0000

256.4093,
271.2475, 273.1955

■ 32.9415, 35.0347,
32.6299

■ 32.9415, 35.0347,
32.6299

■ 31.2296, 33.5146,
26.1896

■ 34.8496, 36.6564,
40.0306

■ 29.7033, 32.0882,
20.6676

■ 36.9583, 38.3781,
48.4272

■ 28.3555, 30.7537,
16.0219

■ 39.2753, 40.2042,
57.8559

■ 27.1772, 29.5074,
12.2061

■ 41.8072, 42.1376,
68.3506

■ 26.1587, 28.3453,
9.1699

■ 44.5601, 44.1807,
79.9435

■ 25.2894, 27.2628,
6.8573

■ 47.5401, 46.3361,
92.6656

■ 24.5571, 26.2550,
5.2050

■ 49.7546, 48.2070,
101.2903

■ 23.9476, 25.3161,
4.1384

■ 50.3839, 49.4656,
101.5000

■ 23.4290, 24.4332,
3.4899

■ 51.0269, 50.7516,
101.7144

Harmonies

Analogous

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



34.0070, 35.0347, 32.8680



32.9415, 35.0347, 32.6299



31.9921, 35.0347, 33.8083

Triad

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



32.9415, 35.0347, 32.6299



31.7479, 35.0347, 42.0683



35.2726, 35.0347, 40.1948

Complementary

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



32.9415, 35.0347, 32.6299



29.5498, 30.6595, 39.0111

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.



34.6419, 35.0347, 42.8415



32.9415, 35.0347, 32.6299



32.6017, 35.0347, 43.9627

Square

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



32.9415, 35.0347, 32.6299



31.3128, 35.0347, 39.1849



33.6599, 35.0347, 44.2530



35.3683, 35.0347, 37.1273

Rectangle

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



32.9415, 35.0347, 32.6299



31.5471, 35.0347, 35.2776



33.6599, 35.0347, 44.2530



35.1155, 35.0347, 41.1675

Sweetspot

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



32.9425, 35.0362, 32.6307



61.2669, 64.6884, 67.2050



31.0595, 30.8629, 33.2592



13.6991, 14.4771, 14.8559



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.



32.9425, 35.0362, 32.6307



58.2272, 62.0748, 55.5077



32.5040, 35.5907, 32.7608



7.5361, 8.0107, 7.5291



18.2321, 19.0382, 2.7138



0.4106, 0.4550, 0.0662

Inverse Universe

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



29.5498, 30.6595, 39.0111



50.7833, 52.4720, 69.5077



29.9565, 30.1684, 38.8949



6.8029, 7.0647, 8.9081



5.5350, 2.8493, 27.1880



0.1442, 0.1158, 0.5806

Previews

White Background



This preview shows how the XYZ color 32.9415, 35.0347, 32.6299 looks on a white background.

Color Contrast Check

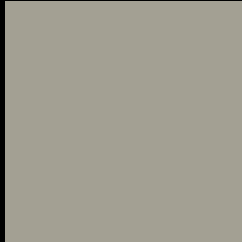
Large Text (above 18pt) WCAG AA × Fail

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 32.9415, 35.0347, 32.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

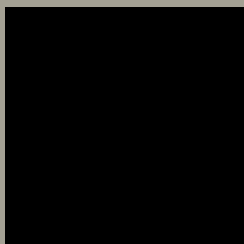
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

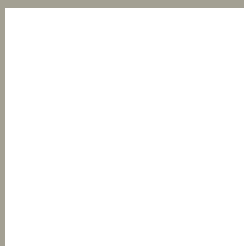
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9415, 35.0347, 32.6299

Background



This preview shows how black text looks on a background with the XYZ color 32.9415, 35.0347, 32.6299.



This preview shows how white text looks on a background with the XYZ color 32.9415, 35.0347,

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

32.9415, 35.0347, 32.6299

Protanopia

33.3905, 35.0098, 32.6015

Deuteranopia

35.4913, 34.8330, 32.8698



Tritanopia

34.9443, 35.0855, 42.4665

Trichromacy



Original Color

32.9415, 35.0347, 32.6299

Protanomaly

33.1816, 34.9022, 32.5917

Deuteranomaly

34.4673, 34.7993, 32.9173

Tritanomaly

34.1769, 35.0263, 38.6776

Monochromacy



Original Color

32.9415, 35.0347, 32.6299

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8117, 34.6364, 35.9665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9415, 35.0347, 32.6299 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, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 147)  
}
```

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, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.9415, 35.0347, 32.6299 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, 160, 147) }
```


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

```
.border{ border-color:rgb(163, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9415, 35.0347, 32.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 147) }
```

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

```
.background{ background-color: rgb(163,  
160, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor