

Converting Colors

XYZ(34.3751, 35.0555, 32.4729)

Have a look what the booklet for
XYZ(34.3751, 35.0555, 32.4729)
contains.

XYZ(34.3367, 34.9912, 32.5480)	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(34.3367, 34.9912,
32.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9D93
RGB	172, 157, 147
RGB Percent	67%, 62%, 58%
CMY	0.3255, 0.3843, 0.4235
CMYK	0.00, 0.09, 0.15, 0.33
HSL	24°, 13%, 63%
HSV	24°, 15%, 67%
XYZ	34.3367, 34.9912, 32.5480
YIQ	160.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

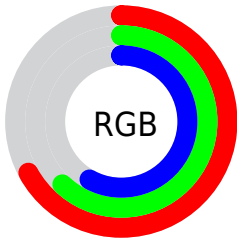
Format	Color
R_{YB}	172, 164, 147
Decimal	11312531
CIE Lab	65.74, 3.77, 7.21
CIE LCh	66, 8.133, 62.397
Yxy	34.9912, 0.3370, 0.3435
Android (android.graphics.Color)	4289502611 (0xFFAC9D93)
YUV	160.3450, -6.5791, 10.2214
Hunter-Lab	59.1534, 0.0954, 8.7842

Details

The XYZ color **34.3367, 34.9912, 32.5480** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3992, 35.0215, 44.0823**, and the grayscale version is **33.5991, 35.3489, 38.4949**.

A 20% lighter version of the original color is **66.0810, 67.7980, 64.8618**, and **15.0111, 15.1457, 13.1986** is the 20% darker color. If you saturate the color by 10%, you get **31.4144, 31.1472, 25.4055**, and if you desaturate by 10%, it is **37.6102, 39.2139, 40.8041**.

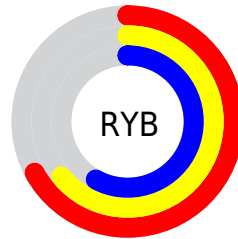
Distribution



Red (67%)

Green (62%)

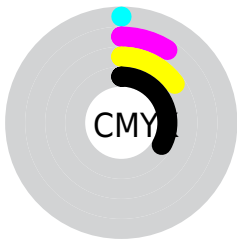
Blue (58%)



Red (67%)

Yellow (64%)

Blue (58%)

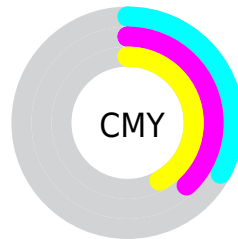


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3367, 34.9912, 32.5480 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 34.3367, 34.9912, 32.5480 by changing the saturation by 10% instead.

■ 34.3367, 34.9912,
32.5480

■ 34.3367, 34.9912,
32.5480

313.1903,
324.5295, 328.1774

■ 23.3165, 23.6561,
21.5121

■ 65.7977, 67.4721,
64.7771

■ 14.9494, 15.0787,
13.3040

■ 86.9693, 89.3868,
86.8073

■ 8.8699, 8.8746,
7.5050

112.2553,
115.5967, 113.3395

■ 4.7129, 4.6595,
3.6967

142.0212,
146.4863, 144.7921

■ 2.1128, 2.0489,
1.4605

176.6323,
182.4400, 181.5836

■ 0.6962, 0.6357,
0.1882

216.4540,

■ 0.0000, 0.0000,

223.8421, 224.1326

0.0000

261.8515,
271.0772, 272.8577

■ 34.3367, 34.9912,
32.5480

■ 34.3367, 34.9912,
32.5480

■ 31.4144, 31.1472,
25.4055

■ 37.6102, 39.2139,
40.8041

■ 28.8278, 27.6664,
19.3260

■ 41.2440, 43.8211,
50.2168

■ 26.5646, 24.5390,
14.2587

■ 45.2501, 48.8241,
60.8295

■ 24.6105, 21.7531,
10.1472

■ 49.6395, 54.2325,
72.6829

■ 22.9497, 19.2957,
6.9299

■ 54.4223, 60.0555,
85.8154

■ 21.5653, 17.1532,
4.5376

■ 59.6086, 66.3020,
100.2642

■ 20.4379, 15.3105,
2.8909

■ 63.1460, 72.1559,
105.2071

■ 19.5447, 13.7509,
1.8940

■ 66.0901, 78.0441,
106.1884

■ 19.1307, 13.0053,
1.5020

■ 69.2067, 84.2774,
107.2273

Harmonies

Analogous

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



35.2409, 34.9912, 34.6736



34.3367, 34.9912, 32.5480



33.1619, 34.9912, 31.8818

Triad

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



34.3367, 34.9912, 32.5480



31.0096, 34.9912, 38.3760



34.5074, 34.9912, 43.9447

Complementary

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



34.3367, 34.9912, 32.5480



32.3992, 35.0215, 44.0823

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.



33.3545, 34.9912, 45.0771



34.3367, 34.9912, 32.5480



31.3511, 34.9912, 41.7439

Square

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



34.3367, 34.9912, 32.5480



31.2585, 34.9912, 35.1242



32.2023, 34.9912, 44.2488



35.3411, 34.9912, 41.2382

Rectangle

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



34.3367, 34.9912, 32.5480



32.3882, 34.9912, 32.3206



32.2023, 34.9912, 44.2488



34.1434, 34.9912, 44.5292

Sweetspot

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



34.3377, 34.9928, 32.5487



68.5205, 71.5106, 74.7675



33.9690, 32.2472, 38.6168



14.7909, 15.4129, 15.9925



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.3377, 34.9928, 32.5487



60.7616, 61.4816, 55.2596



36.5613, 39.4399, 33.2899



8.2584, 8.5216, 8.4229



14.2870, 9.7795, 1.1346



0.4519, 0.3809, 0.0497

Inverse Universe

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



32.3992, 35.0215, 44.0823



56.6536, 61.5418, 79.6986



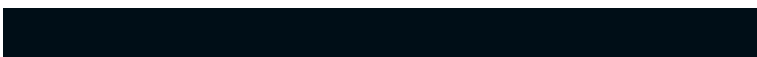
30.3062, 30.8356, 43.3846



7.9634, 8.5261, 10.1787



9.2186, 9.5711, 30.4060



0.3081, 0.3695, 0.8631

Previews

White Background



This preview shows how the XYZ color 34.3367, 34.9912, 32.5480 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 34.3367, 34.9912, 32.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

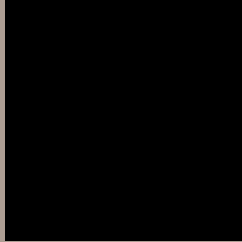
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3367, 34.9912, 32.5480

Background



This preview shows how black text looks on a background with the XYZ color 34.3367, 34.9912, 32.5480.



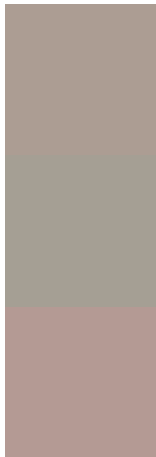
This preview shows how white text looks on a background with the XYZ color 34.3367, 34.9912,

32.5480.

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

34.3367, 34.9912, 32.5480

Protanopia

33.2605, 34.9337, 33.0068

Deuteranopia

35.7233, 34.9526, 32.8807



Tritanopia

36.1177, 34.9783, 40.9243

Trichromacy



Original Color

34.3367, 34.9912, 32.5480

Protanomaly

33.7206, 34.9167, 32.9793

Deuteranomaly

35.1981, 34.9279, 32.9036

Tritanomaly

35.4349, 34.9446, 37.6782

Monochromacy



Original Color

34.3367, 34.9912, 32.5480

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6244, 35.0553, 36.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3367, 34.9912, 32.5480 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(172, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 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(172, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.3367, 34.9912, 32.5480 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(172, 157, 147) }
```


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

```
.border{ border-color:rgb(172, 157, 147) }
```

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

Here you see how a box with a 4 pixel rgb(172, 157, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3367, 34.9912, 32.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 147) }
```

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

```
.background{ background-color: rgb(172,  
157, 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](#).

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