

Converting Colors

XYZ(34.4242, 32.4401, 40.5516)

Have a look what the booklet for
XYZ(34.4242, 32.4401, 40.5516)
contains.

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Color

**XYZ(34.3299, 32.3913,
40.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	AC93A6
RGB	172, 147, 166
RGB Percent	67%, 58%, 65%
CMY	0.3255, 0.4235, 0.3490
CMYK	0.00, 0.15, 0.03, 0.33
HSL	314°, 13%, 63%
HSV	314°, 15%, 67%
XYZ	34.3299, 32.3913, 40.5192
YIQ	156.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

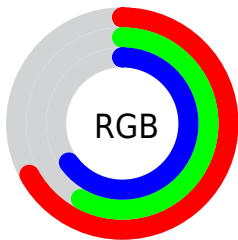
Format	Color
R_{YB}	172, 147, 166
Decimal	11309990
CIE _{Lab}	63.66, 12.70, -6.50
CIE _{LCh}	64, 14.265, 332.878
Yxy	32.3913, 0.3201, 0.3020
Android (android.graphics.Color)	4289500070 (0xFFAC93A6)
YUV	156.6410, 4.6140, 13.4698
Hunter-Lab	56.9134, 8.0721, -2.3719

Details

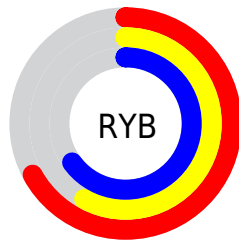
The XYZ color **34.3299, 32.3913, 40.5192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5362, 38.0088, 35.7603**, and the grayscale version is **31.8646, 33.5240, 36.5077**.

A 20% lighter version of the original color is **65.9327, 63.4877, 77.1859**, and **14.9659, 13.5737, 17.7508** is the 20% darker color. If you saturate the color by 10%, you get **31.4803, 27.2881, 37.7310**, and if you desaturate by 10%, it is **37.5934, 38.3020, 43.5061**.

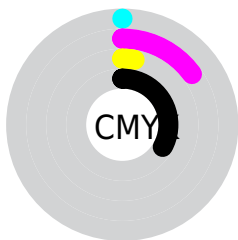
Distribution



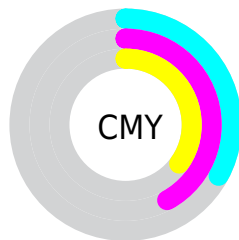
- Red (67%)
- Green (58%)
- Blue (65%)



- Red (67%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3299, 32.3913, 40.5192 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 34.3299, 32.3913, 40.5192 by changing the saturation by 10% instead.


 34.3299, 32.3913,
40.5192

 34.3299, 32.3913,
40.5192


313.1607,
312.8979, 363.9240

 23.3112, 21.6606,
27.6267


 65.7873, 63.4240,
77.1992

 14.9455, 13.6077,
17.8079


 86.9567, 84.4948,
101.8238

 8.8672, 7.8483,
10.6441


112.2404,
109.7810, 131.1962

 4.7111, 3.9980,
5.7169

142.0037,
139.6671, 165.7350

 2.1118, 1.6725,
2.6077

176.6120,
174.5374, 205.8586

 0.6956, 0.4057,
0.8964

216.4307,

 0.0000, 0.0000,

214.7764, 251.9856

0.0000

261.8252,
260.7684, 304.5346

■ 34.3299, 32.3913,
40.5192

■ 34.3299, 32.3913,
40.5192

■ 31.4803, 27.2881,
37.7310

■ 37.5934, 38.3020,
43.5061

■ 29.0240, 22.9527,
35.1330

■ 41.2848, 45.0493,
46.6958

■ 26.9429, 19.3485,
32.7189

■ 45.4207, 52.6657,
50.0947

■ 25.2162, 16.4341,
30.4813

■ 50.0161, 61.1811,
53.7084

■ 23.8210, 14.1641,
28.4119

■ 55.0851, 70.6238,
57.5421

■ 22.7317, 12.4875,
26.5016

■ 60.6415, 81.0208,
61.6009

■ 21.9190, 11.3456,
24.7400

■ 62.6124, 84.2264,
64.5277

■ 21.3473, 10.6676,
23.1147

■ 63.0855, 84.4156,
67.0190

■ 21.0910, 10.4018,
22.2683

■ 63.5716, 84.6100,
69.5787

Harmonies

Analogous

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



32.9172, 32.3913, 45.3258



34.3299, 32.3913, 40.5192



34.7803, 32.3913, 34.7197

Triad

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



34.3299, 32.3913, 40.5192



30.5947, 32.3913, 25.3926



27.6757, 32.3913, 41.5767

Complementary

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



34.3299, 32.3913, 40.5192



32.5362, 38.0088, 35.7603

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.



27.1116, 32.3913, 35.8233



34.3299, 32.3913, 40.5192



28.7506, 32.3913, 26.8214

Square

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



34.3299, 32.3913, 40.5192



32.5695, 32.3913, 26.3643



27.4966, 32.3913, 30.4924



29.0707, 32.3913, 45.9812

Rectangle

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



34.3299, 32.3913, 40.5192



34.4592, 32.3913, 31.1666



27.4966, 32.3913, 30.4924



27.3854, 32.3913, 39.7157

Sweetspot

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



34.3308, 32.3927, 40.5199



68.4909, 70.0155, 79.1844



30.9869, 30.6038, 43.3041



14.7838, 15.0324, 17.1190



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.



34.3308, 32.3927, 40.5199



60.7737, 56.0542, 72.0706



33.2531, 31.9616, 34.8445



8.2536, 8.1147, 9.6465



15.7172, 7.7494, 16.6882



0.4569, 0.2234, 0.5677

Inverse Universe

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



34.3308, 32.3927, 40.5199



60.7737, 56.0542, 72.0706



33.6081, 38.4376, 41.4053



8.2536, 8.1147, 9.6465



15.7172, 7.7494, 16.6882



0.4569, 0.2234, 0.5677

Previews

White Background



This preview shows how the XYZ color 34.3299, 32.3913, 40.5192 looks on a white background.

Color Contrast Check

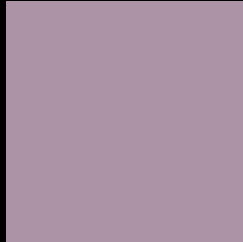
Large Text (above 18pt) WCAG AA × Fail

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 34.3299, 32.3913, 40.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

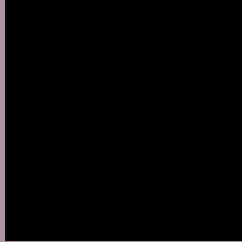
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3299, 32.3913, 40.5192

Background



This preview shows how black text looks on a background with the XYZ color 34.3299, 32.3913, 40.5192.



This preview shows how white text looks on a background with the XYZ color 34.3299, 32.3913,

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

34.3299, 32.3913, 40.5192

Protanopia

31.7838, 32.4570, 42.6199

Deuteranopia

33.0077, 32.4218, 40.1157



Tritanopia

33.7297, 32.3758, 37.7291

Trichromacy



Original Color

34.3299, 32.3913, 40.5192

Protanomaly

32.7252, 32.4714, 42.0789

Deuteranomaly

33.4753, 32.4270, 40.0920

Tritanomaly

33.9061, 32.4464, 38.6582

Monochromacy



Original Color

34.3299, 32.3913, 40.5192

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6367, 33.0019, 37.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3299, 32.3913, 40.5192 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, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 166)  
}
```

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, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.3299, 32.3913, 40.5192 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, 147, 166) }
```


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

```
.border{ border-color:rgb(172, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3299, 32.3913, 40.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 166) }
```

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

```
.background{ background-color: rgb(172,  
147, 166) }
```

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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