

Converting Colors

XYZ(34.7145, 33.3650, 35.4608)

Have a look what the booklet for
XYZ(34.7145, 33.3650, 35.4608)
contains.

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Color

**XYZ(34.7272, 33.4094,
35.6287)**

Conversions

Conversions Part 1

Format	Color
Hex	B0969B
RGB	176, 150, 155
RGB Percent	69%, 59%, 61%
CMY	0.3098, 0.4117, 0.3922
CMYK	0.00, 0.15, 0.12, 0.31
HSL	348°, 14%, 64%
HSV	348°, 15%, 69%
XYZ	34.7272, 33.4094, 35.6287
YIQ	158.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

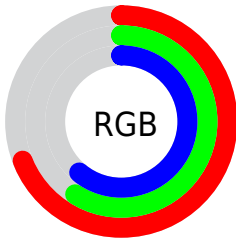
Format	Color
RYB	176, 150, 155
Decimal	11572891
CIELab	64.49, 10.50, 0.96
CIELCh	64, 10.548, 5.213
Yxy	33.4094, 0.3347, 0.3220
Android (android.graphics.Color)	4289762971 (0xFFB0969B)
YUV	158.3440, -1.6486, 15.4843
Hunter-Lab	57.8009, 6.0926, 3.9140

Details

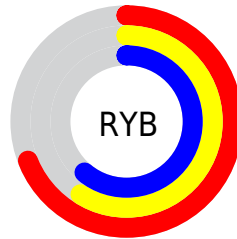
The XYZ color **34.7272, 33.4094, 35.6287** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4550, 40.4757, 44.4739**, and the grayscale version is **32.6592, 34.3600, 37.4181**.

A 20% lighter version of the original color is **66.3802, 64.9450, 69.3586**, and **15.1289, 14.1341, 15.0275** is the 20% darker color. If you saturate the color by 10%, you get **31.0025, 27.7593, 28.8391**, and if you desaturate by 10%, it is **39.0163, 39.9624, 43.3008**.

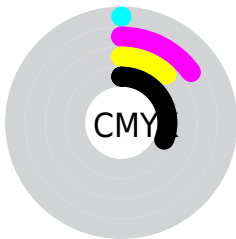
Distribution



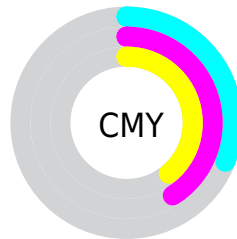
- Red (69%)
- Green (59%)
- Blue (61%)



- Red (69%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7272, 33.4094, 35.6287 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 34.7272, 33.4094, 35.6287 by changing the saturation by 10% instead.


 34.7272, 33.4094,
35.6287


 34.7272, 33.4094,
35.6287


314.8917,
317.4905, 342.3229

 23.6183, 22.4403,
23.8602


 66.3998, 65.0142,
69.6212

 15.1739, 14.1808,
15.0187


 87.6942, 86.4186,
92.6822

 9.0287, 8.2465,
8.6857


113.1144,
112.0702, 120.3444

 4.8171, 4.2531,
4.4428

143.0260,
142.3535, 153.0264

 2.1740, 1.8161,
1.8712

177.7941,
177.6527, 191.1467

 0.7290, 0.4972,
0.4743

217.7842,

 0.0000, 0.0000,

218.3524, 235.1239

0.0000

263.3616,
264.8369, 285.3764

■ 34.7272, 33.4094,
35.6287

■ 34.7272, 33.4094,
35.6287

■ 31.0025, 27.7593,
28.8391

■ 39.0163, 39.9624,
43.3008

■ 27.8156, 22.9681,
22.8982

■ 43.8890, 47.4508,
51.8835

■ 25.1423, 18.9950,
17.7727

■ 49.3674, 55.9110,
61.4063

■ 22.9552, 15.7941,
13.4267

■ 55.4714, 65.3761,
71.8966

■ 21.2243, 13.3146,
9.8214

■ 62.2199, 75.8777,
83.3807

■ 19.9164, 11.5002,
6.9145

■ 69.4380, 87.0595,
95.8197

■ 18.9932, 10.2855,
4.6594

■ 71.6376, 87.9394,
107.4027

■ 18.4093, 9.5919,
3.0032

■ 71.7146, 87.9701,
107.8079

■ 18.1908, 9.3447,
2.3454

Harmonies

Analogous

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



34.4574, 33.4094, 39.9668



34.7272, 33.4094, 35.6287



34.1802, 33.4094, 31.8008

Triad

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



34.7272, 33.4094, 35.6287



30.1137, 33.4094, 30.0123



30.5558, 33.4094, 44.4395

Complementary

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



34.7272, 33.4094, 35.6287



35.4550, 40.4757, 44.4739

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.



29.4466, 33.4094, 41.3728



34.7272, 33.4094, 35.6287



29.1970, 33.4094, 33.0092

Square

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



34.7272, 33.4094, 35.6287



31.4922, 33.4094, 28.7261



28.9567, 33.4094, 37.1360



32.0185, 33.4094, 45.2788

Rectangle

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



34.7272, 33.4094, 35.6287



33.4359, 33.4094, 29.9812



28.9567, 33.4094, 37.1360



30.1307, 33.4094, 43.6237

Sweetspot

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



34.7281, 33.4109, 35.6294



71.3463, 73.3734, 79.5687



35.4949, 33.5844, 45.6861



15.3281, 15.6962, 17.0066



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.7281, 33.4109, 35.6294



60.4753, 56.7795, 60.0743



35.6033, 35.8190, 33.8933



8.5609, 8.5311, 9.1862



13.3637, 6.8630, 1.8094



0.4402, 0.2238, 0.1607

Inverse Universe

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



34.7281, 33.4109, 35.6294



60.4753, 56.7795, 60.0743



34.4549, 37.6988, 46.5351



8.5609, 8.5311, 9.1862



13.3637, 6.8630, 1.8094



0.4402, 0.2238, 0.1607

Previews

White Background



This preview shows how the XYZ color 34.7272, 33.4094, 35.6287 looks on a white background.

Color Contrast Check

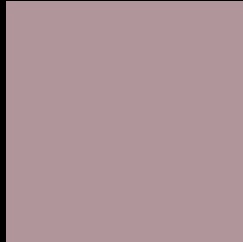
Large Text (above 18pt) WCAG AA × Fail

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 34.7272, 33.4094, 35.6287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

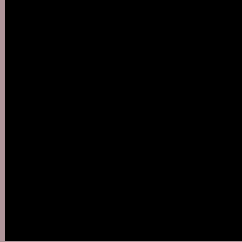
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7272, 33.4094, 35.6287

Background



This preview shows how black text looks on a background with the XYZ color 34.7272, 33.4094, 35.6287.



This preview shows how white text looks on a background with the XYZ color 34.7272, 33.4094,

35.6287.

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

34.7272, 33.4094, 35.6287

Protanopia

32.3581, 33.6165, 37.1309

Deuteranopia

33.9963, 33.2704, 35.6404



Tritanopia

35.3119, 33.4152, 38.3069

Trichromacy



Original Color

34.7272, 33.4094, 35.6287

Protanomaly

33.1585, 33.5449, 36.6255

Deuteranomaly

34.2166, 33.3840, 35.6507

Tritanomaly

35.1369, 33.3452, 37.3852

Monochromacy



Original Color

34.7272, 33.4094, 35.6287

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3242, 33.8763, 36.6807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7272, 33.4094, 35.6287 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(176, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 155)  
}
```

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(176, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.7272, 33.4094, 35.6287 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(176, 150, 155) }
```


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

```
.border{ border-color:rgb(176, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7272, 33.4094, 35.6287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 155) }
```

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

```
.background{ background-color: rgb(176,  
150, 155) }
```

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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