

Converting Colors

XYZ(35.4491, 33.9263, 41.1458)

Have a look what the booklet for
XYZ(35.4491, 33.9263, 41.1458)
contains.

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Color

**XYZ(35.4972, 33.9219,
41.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	AE97A7
RGB	174, 151, 167
RGB Percent	68%, 59%, 65%
CMY	0.3176, 0.4078, 0.3451
CMYK	0.00, 0.13, 0.04, 0.32
HSL	318°, 12%, 64%
HSV	318°, 13%, 68%
XYZ	35.4972, 33.9219, 41.2359
YIQ	159.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

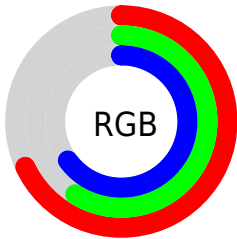
Format	Color
RYB	174, 151, 167
Decimal	11442087
CIELab	64.90, 11.36, -5.22
CIELCh	65, 12.502, 335.340
Yxy	33.9219, 0.3208, 0.3066
Android (android.graphics.Color)	4289632167 (0xFFAE97A7)
YUV	159.7010, 3.5984, 12.5402
Hunter-Lab	58.2425, 6.8664, -1.2078

Details

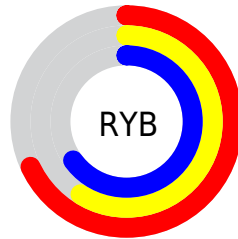
The XYZ color **35.4972, 33.9219, 41.2359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0714, 39.3209, 38.1435**, and the grayscale version is **33.2580, 34.9900, 38.1041**.

A 20% lighter version of the original color is **67.6493, 65.7596, 78.2346**, and **15.5368, 14.4171, 18.1836** is the 20% darker color. If you saturate the color by 10%, you get **32.4216, 28.5379, 37.8445**, and if you desaturate by 10%, it is **39.0081, 40.1435, 44.8722**.

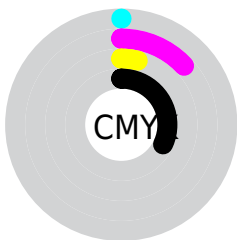
Distribution



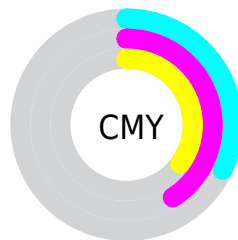
- Red (68%)
- Green (59%)
- Blue (65%)



- Red (68%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4972, 33.9219, 41.2359 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 35.4972, 33.9219, 41.2359 by changing the saturation by 10% instead.


 35.4972, 33.9219,
41.2359


 35.4972, 33.9219,
41.2359

318.2272,
319.7837, 367.0114

 24.2144, 22.8336,
28.1824


 67.5843, 65.8122,
78.2994

 15.6184, 14.4707,
18.2229


 89.1193, 87.3830,
103.1465

 9.3436, 8.4488,
10.9391


114.8024,
113.2167, 132.7618

 5.0249, 4.3834,
5.9122

144.9990,
143.6978, 167.5640

 2.2968, 1.8903,
2.7239

180.0744,
179.2107, 207.9715

 0.7930, 0.5425,
0.9554

220.3940,

 0.0000, 0.0000,

220.1397, 254.4028

0.0000

266.3232,
266.8692, 307.2766

■ 35.4972, 33.9219,
41.2359

■ 35.4972, 33.9219,
41.2359

■ 32.4216, 28.5379,
37.8445

■ 39.0081, 40.1435,
44.8722

■ 29.7601, 23.9508,
34.6885

■ 42.9686, 47.2322,
48.7580

■ 27.4941, 20.1233,
31.7610

■ 47.3958, 55.2216,
52.9006

■ 25.6023, 17.0134,
29.0536

■ 52.3051, 64.1420,
57.3062

■ 24.0614, 14.5748,
26.5572

■ 57.7112, 74.0224,
61.9809

■ 22.8454, 12.7558,
24.2621

■ 63.4989, 84.6320,
66.8873

■ 21.9245, 11.4973,
22.1570

■ 64.1239, 84.8820,
70.1783

■ 21.2630, 10.7282,
20.2285

■ 64.7705, 85.1407,
73.5832

■ 20.9093, 10.3802,
19.0028

■ 65.4389, 85.4080,
77.1030

Harmonies

Analogous

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



34.2896, 33.9219, 45.6437



35.4972, 33.9219, 41.2359



35.8193, 33.9219, 36.0185

Triad

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



35.4972, 33.9219, 41.2359



31.9201, 33.9219, 27.9027



29.4948, 33.9219, 42.9831

Complementary

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



35.4972, 33.9219, 41.2359



34.0714, 39.3209, 38.1435

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.



28.9107, 33.9219, 37.8673



35.4972, 33.9219, 41.2359



30.2771, 33.9219, 29.4114

Square

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



35.4972, 33.9219, 41.2359



33.7104, 33.9219, 28.6244



29.1917, 33.9219, 32.9444



30.8164, 33.9219, 46.7165

Rectangle

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



35.4972, 33.9219, 41.2359



35.4786, 33.9219, 32.8454



29.1917, 33.9219, 32.9444



29.2080, 33.9219, 41.3511

Sweetspot

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



35.4982, 33.9234, 41.2366



70.1809, 71.7912, 80.8121



32.7889, 32.4499, 44.5802



15.4882, 15.7602, 17.8495



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.



35.4982, 33.9234, 41.2366



62.5961, 58.3792, 72.8652



34.4903, 33.5202, 35.9290



8.2317, 8.1059, 9.5308



15.1928, 7.5397, 13.9264



0.4455, 0.2189, 0.5076

Inverse Universe

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



35.4982, 33.9234, 41.2366



62.5961, 58.3792, 72.8652



35.0987, 39.7318, 43.5532



8.2317, 8.1059, 9.5308



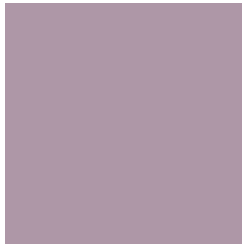
15.1928, 7.5397, 13.9264



0.4455, 0.2189, 0.5076

Previews

White Background



This preview shows how the XYZ color 35.4972, 33.9219, 41.2359 looks on a white background.

Color Contrast Check

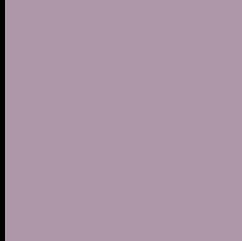
Large Text (above 18pt) WCAG AA × Fail

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 35.4972, 33.9219, 41.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

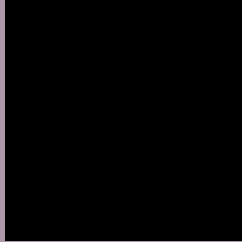
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4972, 33.9219, 41.2359

Background



This preview shows how black text looks on a background with the XYZ color 35.4972, 33.9219, 41.2359.



This preview shows how white text looks on a background with the XYZ color 35.4972, 33.9219,

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

35.4972, 33.9219, 41.2359

Protanopia

33.2173, 34.1843, 42.8777

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

35.0727, 33.9851, 39.3616

Trichromacy



Original Color

35.4972, 33.9219, 41.2359

Protanomaly

33.9870, 34.0938, 42.3256

Deuteranomaly

34.9979, 33.9044, 41.2588

Tritanomaly

35.1627, 34.0210, 39.8354

Monochromacy



Original Color

35.4972, 33.9219, 41.2359

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1849, 34.7576, 39.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4972, 33.9219, 41.2359 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(174, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 167)  
}
```

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(174, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.4972, 33.9219, 41.2359 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(174, 151, 167) }
```


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

```
.border{ border-color:rgb(174, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4972, 33.9219, 41.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 167) }
```

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

```
.background{ background-color: rgb(174,  
151, 167) }
```

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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