

Converting Colors

XYZ(35.6152, 33.9172, 42.6660)

Have a look what the booklet for
XYZ(35.6152, 33.9172, 42.6660)
contains.

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Color

**XYZ(35.5559, 33.9197,
42.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	AD97AA
RGB	173, 151, 170
RGB Percent	68%, 59%, 67%
CMY	0.3216, 0.4078, 0.3333
CMYK	0.00, 0.13, 0.02, 0.32
HSL	308°, 12%, 64%
HSV	308°, 13%, 68%
XYZ	35.5559, 33.9197, 42.7034
YIQ	159.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

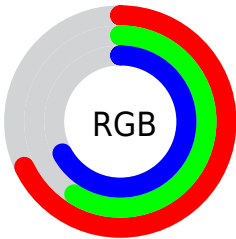
Format	Color
RYB	173, 151, 170
Decimal	11376554
CIELab	64.90, 11.57, -6.92
CIELCh	65, 13.478, 329.127
Yxy	33.9197, 0.3170, 0.3024
Android (android.graphics.Color)	4289566634 (0xFFAD97AA)
YUV	159.7440, 5.0562, 11.6255
Hunter-Lab	58.2406, 7.0532, -2.7044

Details

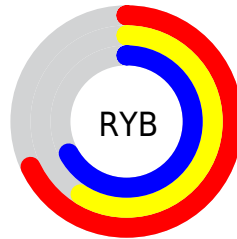
The XYZ color **35.5559, 33.9197, 42.7034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5401, 38.8005, 36.2951**, and the grayscale version is **33.2718, 35.0045, 38.1199**.

A 20% lighter version of the original color is **67.7350, 65.7569, 80.3565**, and **15.7123, 14.4873, 19.1077** is the 20% darker color. If you saturate the color by 10%, you get **32.7526, 28.6666, 40.6779**, and if you desaturate by 10%, it is **38.7738, 39.9945, 44.8877**.

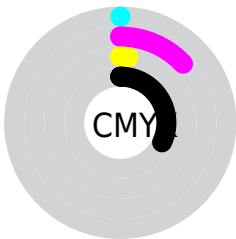
Distribution



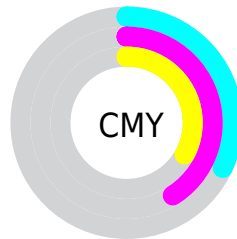
- Red (68%)
- Green (59%)
- Blue (67%)



- Red (68%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5559, 33.9197, 42.7034 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 35.5559, 33.9197, 42.7034 by changing the saturation by 10% instead.

■ 35.5559, 33.9197,
42.7034

■ 35.5559, 33.9197,
42.7034

318.4805,
319.7738, 373.2759

■ 24.2599, 22.8319,
29.3228

■ 67.6744, 65.8088,
80.5446

■ 15.6523, 14.4694,
19.0775

■ 89.2277, 87.3789,
105.8423

■ 9.3677, 8.4479,
11.5489

114.9307,
113.2118, 135.9495

■ 5.0408, 4.3829,
6.3185

145.1489,
143.6921, 171.2846

■ 2.3063, 1.8899,
2.9678

180.2477,
179.2040, 212.2663

■ 0.7979, 0.5423,
1.0782

220.5923,

■ 0.0000, 0.0000,

220.1320, 259.3131

0.0000

266.5481,
266.8605, 312.8434

■ 35.5559, 33.9197,
42.7034

■ 35.5559, 33.9197,
42.7034

■ 32.7526, 28.6666,
40.6779

■ 38.7738, 39.9945,
44.8877

■ 30.3431, 24.1953,
38.8029

■ 42.4199, 46.9198,
47.2341

■ 28.3094, 20.4693,
37.0728

■ 46.5109, 54.7286,
49.7489

■ 26.6309, 17.4472,
35.4805

■ 51.0619, 63.4506,
52.4370

■ 25.2848, 15.0838,
34.0184

■ 56.0870, 73.1144,
55.3034

■ 24.2460, 13.3287,
32.6780

■ 61.5999, 83.7471,
58.3526

■ 23.4855, 12.1240,
31.4495

■ 61.9119, 83.9716,
59.6885

■ 22.9688, 11.4006,
30.3213

■ 62.1658, 84.0732,
61.0256

■ 22.6911, 11.0673,
29.5442

■ 62.4239, 84.1764,
62.3846

Harmonies

Analogous

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



34.0937, 33.9197, 47.0967



35.5559, 33.9197, 42.7034



36.1238, 33.9197, 37.0961

Triad

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



35.5559, 33.9197, 42.7034



32.2966, 33.9197, 27.2288



29.0831, 33.9197, 42.3930

Complementary

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



35.5559, 33.9197, 42.7034



33.5401, 38.8005, 36.2951

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.



28.6444, 33.9197, 36.7700



35.5559, 33.9197, 42.7034



30.4541, 33.9197, 28.3477

Square

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



35.5559, 33.9197, 42.7034



34.1962, 33.9197, 28.4846



29.1363, 33.9197, 31.7070



30.3592, 33.9197, 46.9052

Rectangle

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



35.5559, 33.9197, 42.7034



35.9021, 33.9197, 33.5346



29.1363, 33.9197, 31.7070



28.8351, 33.9197, 40.5531

Sweetspot

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



35.5569, 33.9212, 42.7041



68.6161, 70.0656, 79.8439



31.9246, 32.0155, 44.0328



14.8159, 15.0453, 17.2879



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.



35.5569, 33.9212, 42.7041



62.3317, 58.2168, 75.5294



34.5651, 33.5245, 37.4817



8.2894, 8.1290, 9.8347



16.6852, 8.1366, 21.7857



0.4769, 0.2314, 0.6730

Inverse Universe

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



35.5569, 33.9212, 42.7041



62.3317, 58.2168, 75.5294



34.4927, 39.1816, 41.3114



8.2894, 8.1290, 9.8347



16.6852, 8.1366, 21.7857



0.4769, 0.2314, 0.6730

Previews

White Background



This preview shows how the XYZ color 35.5559, 33.9197, 42.7034 looks on a white background.

Color Contrast Check

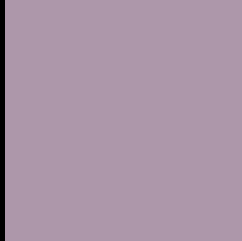
Large Text (above 18pt) WCAG AA × Fail

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 35.5559, 33.9197, 42.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

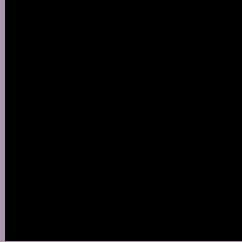
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5559, 33.9197, 42.7034

Background



This preview shows how black text looks on a background with the XYZ color 35.5559, 33.9197, 42.7034.



This preview shows how white text looks on a background with the XYZ color 35.5559, 33.9197,

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

35.5559, 33.9197, 42.7034

Protanopia

33.1416, 33.8620, 44.3244

Deuteranopia

34.5833, 33.9002, 42.7509



Tritanopia

34.9423, 33.9075, 39.8251

Trichromacy



Original Color

35.5559, 33.9197, 42.7034

Protanomaly

33.9023, 33.7711, 43.7614

Deuteranomaly

34.8461, 33.7938, 42.7165

Tritanomaly

35.1244, 33.9803, 40.7840

Monochromacy



Original Color

35.5559, 33.9197, 42.7034

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2749, 34.7936, 40.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5559, 33.9197, 42.7034 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(173, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 170)  
}
```

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(173, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.5559, 33.9197, 42.7034 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(173, 151, 170) }
```


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

```
.border{ border-color:rgb(173, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 151,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5559, 33.9197, 42.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 170) }
```

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

```
.background{ background-color: rgb(173,  
151, 170) }
```

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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