

Converting Colors

XYZ(35.5233, 33.6759, 42.1639)

Have a look what the booklet for
XYZ(35.5233, 33.6759, 42.1639)
contains.

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Color

**XYZ(35.5233, 33.6759,
42.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	AE96A9
RGB	174, 150, 169
RGB Percent	68%, 59%, 66%
CMY	0.3176, 0.4117, 0.3373
CMYK	0.00, 0.14, 0.03, 0.32
HSL	313°, 13%, 64%
HSV	313°, 14%, 68%
XYZ	35.5233, 33.6759, 42.1639
YIQ	159.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

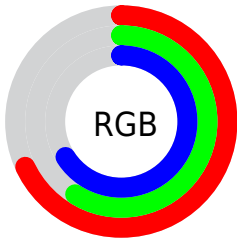
Format	Color
RYB	174, 150, 169
Decimal	11441833
CIELab	64.70, 12.30, -6.63
CIELCh	65, 13.970, 331.659
Yxy	33.6759, 0.3190, 0.3024
Android (android.graphics.Color)	4289631913 (0xFFAE96A9)
YUV	159.3420, 4.7614, 12.8551
Hunter-Lab	58.0309, 7.7136, -2.4570

Details

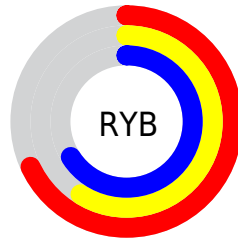
The XYZ color **35.5233, 33.6759, 42.1639** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6314, 39.1236, 36.7912**, and the grayscale version is **33.0882, 34.8114, 37.9096**.

A 20% lighter version of the original color is **67.6805, 65.3905, 79.5755**, and **15.5579, 14.2730, 18.7646** is the 20% darker color. If you saturate the color by 10%, you get **32.6149, 28.3959, 39.5387**, and if you desaturate by 10%, it is **38.8554, 39.7872, 44.9777**.

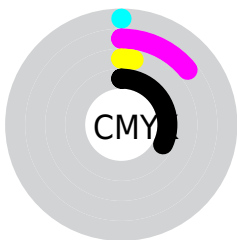
Distribution



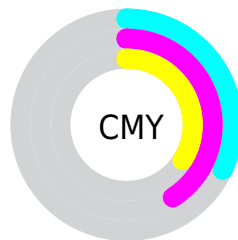
- Red (68%)
- Green (59%)
- Blue (66%)



- Red (68%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5233, 33.6759, 42.1639 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 35.5233, 33.6759, 42.1639 by changing the saturation by 10% instead.


 35.5233, 33.6759,
42.1639


 35.5233, 33.6759,
42.1639

318.3399,
318.6845, 370.9816

 24.2347, 22.6447,
28.9031


 67.6243, 65.4293,
79.7204

 15.6335, 14.3314,
18.7626


 89.1675, 86.9204,
104.8532

 9.3544, 8.3515,
11.3238


114.8595,
112.6669, 134.7804

 5.0320, 4.3207,
6.1682

145.0657,
143.0532, 169.9206

 2.3010, 1.8545,
2.8772

180.1515,
178.4637, 210.6922

 0.7952, 0.5208,
1.0323

220.4822,

 0.0000, 0.0000,

219.2828, 257.5139

0.0000

266.4232,
265.8950, 310.8042

■ 35.5233, 33.6759,
42.1639

■ 35.5233, 33.6759,
42.1639

■ 32.6149, 28.3959,
39.5387

■ 38.8554, 39.7872,
44.9777

■ 30.1092, 23.9065,
37.0935

■ 42.6252, 46.7594,
47.9840

■ 27.9874, 20.1704,
34.8221

■ 46.8500, 54.6261,
51.1892

■ 26.2285, 17.1451,
32.7171

■ 51.5450, 63.4177,
54.5988

■ 24.8091, 14.7844,
30.7704

■ 56.7247, 73.1631,
58.2181

■ 23.7033, 13.0363,
28.9728

■ 62.4030, 83.8903,
62.0519

■ 22.8811, 11.8411,
27.3141

■ 62.9961, 84.4309,
64.2393

■ 22.3066, 11.1270,
25.7818

■ 63.4094, 84.5962,
66.4158

■ 22.0248, 10.8264,
24.8773

■ 63.8327, 84.7656,
68.6451

Harmonies

Analogous

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



34.0749, 33.6759, 46.8939



35.5233, 33.6759, 42.1639



36.0193, 33.6759, 36.3485

Triad

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



35.5233, 33.6759, 42.1639



31.8964, 33.6759, 26.6989



28.8365, 33.6759, 42.7747

Complementary

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



35.5233, 33.6759, 42.1639



33.6314, 39.1236, 36.7912

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.



28.3060, 33.6759, 36.9880



35.5233, 33.6759, 42.1639



30.0263, 33.6759, 28.0474

Square

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



35.5233, 33.6759, 42.1639



33.8737, 33.6759, 27.7808



28.7325, 33.6759, 31.6705



30.2120, 33.6759, 47.2717

Rectangle

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



35.5233, 33.6759, 42.1639



35.7273, 33.6759, 32.7404



28.7325, 33.6759, 31.6705



28.5561, 33.6759, 40.8963

Sweetspot

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



35.5243, 33.6774, 42.1646



70.2996, 71.8386, 81.4371



32.0269, 31.8191, 44.4986



15.5193, 15.7726, 18.0134



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.



35.5243, 33.6774, 42.1646



62.4993, 57.5566, 74.7720



34.4659, 33.2540, 36.5914



8.2645, 8.1191, 9.7037



15.9966, 7.8612, 18.1591



0.4628, 0.2258, 0.5987

Inverse Universe

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



35.5243, 33.6774, 42.1646



62.4993, 57.5566, 74.7720



34.6714, 39.5396, 42.2678



8.2645, 8.1191, 9.7037



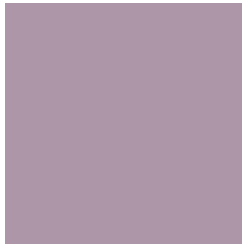
15.9966, 7.8612, 18.1591



0.4628, 0.2258, 0.5987

Previews

White Background



This preview shows how the XYZ color 35.5233, 33.6759, 42.1639 looks on a white background.

Color Contrast Check

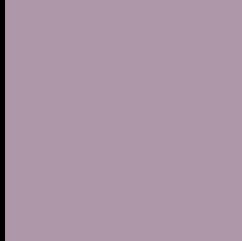
Large Text (above 18pt) WCAG AA × Fail

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 35.5233, 33.6759, 42.1639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

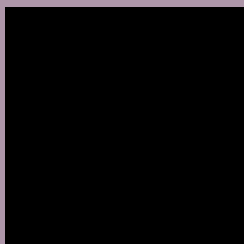
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5233, 33.6759, 42.1639

Background



This preview shows how black text looks on a background with the XYZ color 35.5233, 33.6759, 42.1639.



This preview shows how white text looks on a background with the XYZ color 35.5233, 33.6759,

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

35.5233, 33.6759, 42.1639

Protanopia

32.9489, 33.7626, 44.3154

Deuteranopia

34.4890, 33.8625, 42.2545



Tritanopia

34.9110, 33.6618, 39.3077

Trichromacy



Original Color

35.5233, 33.6759, 42.1639

Protanomaly

33.9023, 33.7711, 43.7614

Deuteranomaly

34.9672, 33.8671, 42.2301

Tritanomaly

35.0917, 33.7341, 40.2591

Monochromacy



Original Color

35.5233, 33.6759, 42.1639

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8092, 34.3138, 39.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5233, 33.6759, 42.1639 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, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 169)  
}
```

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, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.5233, 33.6759, 42.1639 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, 150, 169) }
```


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

```
.border{ border-color:rgb(174, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5233, 33.6759, 42.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 169) }
```

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

```
.background{ background-color: rgb(174,  
150, 169) }
```

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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