

Converting Colors

XYZ(35.2984, 34.6773, 42.8940)

Have a look what the booklet for
XYZ(35.2984, 34.6773, 42.8940)
contains.

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Color

**XYZ(35.3392, 34.7800,
42.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	A99BAA
RGB	169, 155, 170
RGB Percent	66%, 61%, 67%
CMY	0.3373, 0.3921, 0.3333
CMYK	0.01, 0.09, 0.00, 0.33
HSL	296°, 8%, 64%
HSV	296°, 9%, 67%
XYZ	35.3392, 34.7800, 42.8808
YIQ	160.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

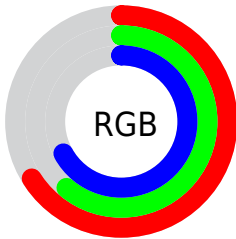
Format	Color
R_{YB}	169, 155, 170
Decimal	11115434
CIE Lab	65.58, 7.91, -5.95
CIE LCh	66, 9.898, 323.058
Yxy	34.7800, 0.3127, 0.3078
Android (android.graphics.Color)	4289305514 (0xFFA99BAA)
YUV	160.8960, 4.4883, 7.1072
Hunter-Lab	58.9746, 3.7567, -1.8280

Details

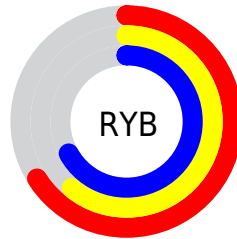
The XYZ color **35.3392, 34.7800, 42.8808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0027, 38.1848, 36.5904**, and the grayscale version is **33.8075, 35.5681, 38.7337**.

A 20% lighter version of the original color is **67.1315, 66.8845, 80.6059**, and **15.5564, 14.9905, 19.2131** is the 20% darker color. If you saturate the color by 10%, you get **32.4651, 29.3907, 41.9926**, and if you desaturate by 10%, it is **38.6158, 40.9700, 43.9034**.

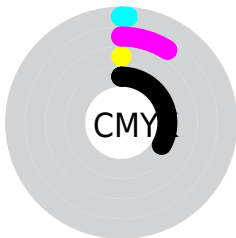
Distribution



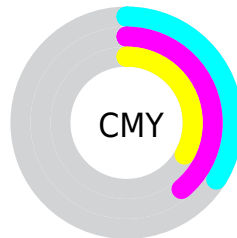
- Red (66%)
- Green (61%)
- Blue (67%)



- Red (66%)
- Yellow (61%)
- Blue (67%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3392, 34.7800, 42.8808 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 35.3392, 34.7800, 42.8808 by changing the saturation by 10% instead.


 35.3392, 34.7800,
42.8808


 35.3392, 34.7800,
42.8808


317.5449,
323.5962, 374.0281

 24.0920, 23.4935,
29.4609


 67.3415, 67.1448,
80.8154

 15.5270, 14.9583,
19.1812

 88.8273, 88.9919,
106.1671

 9.2788, 8.7901,
11.6231


114.4567,
115.1279, 136.3332

 4.9820, 4.6045,
6.3682

144.5950,
145.9373, 171.7323

 2.2714, 2.0172,
2.9979

179.6076,
181.8044, 212.7827

 0.7800, 0.6174,
1.0935

219.8599,

 0.0000, 0.0000,

223.1137, 259.9031

0.0000

265.7172,
270.2495, 313.5121

■ 35.3392, 34.7800,
42.8808

■ 35.3392, 34.7800,
42.8808

■ 32.4651, 29.3907,
41.9926

■ 38.6158, 40.9700,
43.9034

■ 29.9738, 24.7645,
41.2309

■ 42.3074, 47.9874,
45.0633

■ 27.8487, 20.8676,
40.5907

■ 46.4297, 55.8632,
46.3663

■ 26.0706, 17.6616,
40.0656

■ 50.9968, 64.6255,
47.8168

■ 24.6187, 15.1048,
39.6487

■ 56.0222, 74.3009,
49.4195

■ 23.4699, 13.1511,
39.3321

■ 60.8756, 83.6294,
50.9643

■ 22.5980, 11.7482,
39.1073

■ 61.1327, 83.7619,
50.9763

■ 21.9724, 10.8348,
38.9639

■ 61.3918, 83.8955,
50.9884

■ 21.5358, 10.2962,
38.8830

■ 61.6532, 84.0302,
51.0007

Harmonies

Analogous

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



34.1629, 34.7800, 45.7127



35.3392, 34.7800, 42.8808



35.9068, 34.7800, 38.8441

Triad

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



35.3392, 34.7800, 42.8808



33.3959, 34.7800, 30.4744



30.5546, 34.7800, 41.0881

Complementary

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



35.3392, 34.7800, 42.8808



34.0027, 38.1848, 36.5904

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.



30.3628, 34.7800, 36.9114



35.3392, 34.7800, 42.8808



31.9759, 34.7800, 30.9791

Square

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



35.3392, 34.7800, 42.8808



34.7637, 34.7800, 31.8320



30.8759, 34.7800, 33.2647



31.4077, 34.7800, 44.6259

Rectangle

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



35.3392, 34.7800, 42.8808



35.8521, 34.7800, 36.0916



30.8759, 34.7800, 33.2647



30.4117, 34.7800, 39.7049

Sweetspot

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



35.3402, 34.7815, 42.8816



67.4573, 69.4019, 78.8424



32.7053, 33.7335, 42.8182



14.9375, 15.2770, 17.5492



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.



35.3402, 34.7815, 42.8816



62.8152, 60.6519, 77.3982



34.9783, 34.6616, 39.8516



7.7918, 7.6408, 9.4825



15.8249, 7.5415, 28.5971



0.3992, 0.1908, 0.6964

Inverse Universe

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



34.3009, 34.3907, 36.2845



60.4634, 59.7685, 62.4274



34.3486, 38.3009, 39.4177



7.5506, 7.5501, 7.9509



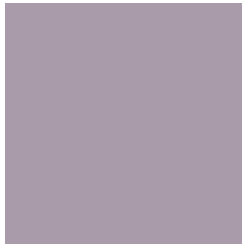
12.2487, 6.3082, 0.8552



0.3041, 0.1559, 0.0531

Previews

White Background



This preview shows how the XYZ color 35.3392, 34.7800, 42.8808 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 35.3392, 34.7800, 42.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

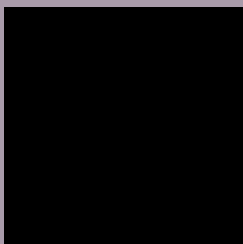
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3392, 34.7800, 42.8808

Background



This preview shows how black text looks on a background with the XYZ color 35.3392, 34.7800, 42.8808.



This preview shows how white text looks on a background with the XYZ color 35.3392, 34.7800,

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

35.3392, 34.7800, 42.8808

Protanopia

33.7738, 34.7014, 43.9477

Deuteranopia

35.5546, 34.8910, 42.8909



Tritanopia

35.1514, 34.7049, 41.8918

Trichromacy



Original Color

35.3392, 34.7800, 42.8808

Protanomaly

34.3079, 34.7356, 43.4245

Deuteranomaly

35.5546, 34.8910, 42.8909

Tritanomaly

35.2450, 34.7423, 42.3844

Monochromacy



Original Color

35.3392, 34.7800, 42.8808

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4088, 35.3691, 40.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3392, 34.7800, 42.8808 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(169, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 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(169, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.3392, 34.7800, 42.8808 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(169, 155, 170) }
```


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

```
.border{ border-color:rgb(169, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3392, 34.7800, 42.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 170) }
```

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

```
.background{ background-color: rgb(169,  
155, 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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