

Converting Colors

XYZ(35.7689, 40.4418, 40.1699)

Have a look what the booklet for
XYZ(35.7689, 40.4418, 40.1699)
contains.

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Color

**XYZ(35.7562, 40.4367,
40.1029)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAFA2
RGB	157, 175, 162
RGB Percent	62%, 69%, 64%
CMY	0.3843, 0.3137, 0.3647
CMYK	0.10, 0.00, 0.07, 0.31
HSL	137°, 10%, 65%
HSV	137°, 10%, 69%
XYZ	35.7562, 40.4367, 40.1029
YIQ	168.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

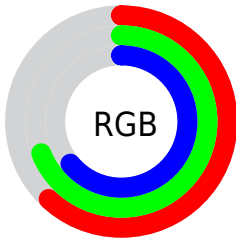
Format	Color
RYB	157, 171, 175
Decimal	10334114
CIELab	69.78, -8.79, 4.53
CIElCh	70, 9.894, 152.729
Yxy	40.4367, 0.3075, 0.3477
Android (android.graphics.Color)	4288524194 (0xFF9DAFA2)
YUV	168.1360, -3.0250, -9.7663
Hunter-Lab	63.5899, -10.9128, 7.1217

Details

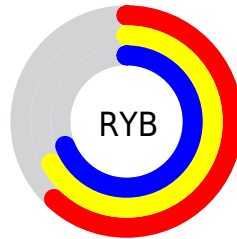
The XYZ color **35.7562, 40.4367, 40.1029** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9934, 36.1312, 43.0565**, and the grayscale version is **37.3039, 39.2466, 42.7395**.

A 20% lighter version of the original color is **68.2517, 76.1586, 76.7485**, and **15.8413, 18.3559, 17.4600** is the 20% darker color. If you saturate the color by 10%, you get **31.5158, 38.3752, 34.3314**, and if you desaturate by 10%, it is **40.6009, 42.7990, 46.4940**.

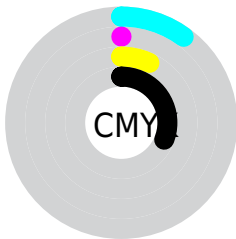
Distribution



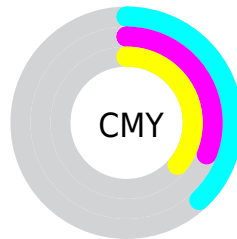
- Red (62%)
- Green (69%)
- Blue (64%)



- Red (62%)
- Yellow (67%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7562, 40.4367, 40.1029 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 35.7562, 40.4367, 40.1029 by changing the saturation by 10% instead.

■ 35.7562, 40.4367,
40.1029

■ 35.7562, 40.4367,
40.1029

319.3435,
347.9608, 362.1221

■ 24.4152, 27.8792,
27.3044

■ 67.9819, 75.8280,
76.5590

■ 15.7683, 18.2346,
17.5675

■ 89.5974, 99.4307,
101.0536

■ 9.4502, 11.1186,
10.4737

115.3684,
127.4838, 130.2841

■ 5.0954, 6.1466,
5.6045

145.6602,
160.3718, 164.6688

■ 2.3387, 2.9345,
2.5412

180.8383,
198.4792, 204.6265

■ 0.8143, 1.0976,
0.8619

221.2680,

■ 0.0000, 0.0000,

242.1902, 250.5756

0.0000

267.3146,
291.8892, 302.9346

■ 35.7562, 40.4367,
40.1029

■ 35.7562, 40.4367,
40.1029

■ 31.5158, 38.3752,
34.3314

■ 40.6009, 42.7990,
46.4940

■ 27.8523, 36.5973,
29.1583

■ 46.0693, 45.4682,
53.5197

■ 24.7411, 35.0919,
24.5652

■ 52.1837, 48.4567,
61.1979

■ 22.1548, 33.8452,
20.5318

■ 58.9648, 51.7747,
69.5447

■ 20.0632, 32.8421,
17.0365

■ 66.4319, 55.4320,
78.5760

■ 18.4331, 32.0660,
14.0562

■ 71.9800, 58.0852,
88.1841

■ 17.2270, 31.4981,
11.5662

■ 73.9016, 58.8538,
98.3030

■ 16.4010, 31.1163,
9.5399

■ 74.6208, 59.1415,
102.0903

■ 15.8768, 30.8799,
7.9858

Harmonies

Analogous

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



36.7897, 40.4367, 37.0060



35.7562, 40.4367, 40.1029



35.4337, 40.4367, 44.4508

Triad

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



35.7562, 40.4367, 40.1029



38.5810, 40.4367, 53.4576



41.0882, 40.4367, 39.4220

Complementary

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



35.7562, 40.4367, 40.1029



36.9934, 36.1312, 43.0565

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.



41.5988, 40.4367, 43.6093



35.7562, 40.4367, 40.1029



40.1263, 40.4367, 51.8880

Square

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



35.7562, 40.4367, 40.1029



37.0375, 40.4367, 52.3589



41.2420, 40.4367, 48.2027



39.8649, 40.4367, 36.6325

Rectangle

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



35.7562, 40.4367, 40.1029



35.6578, 40.4367, 47.5318



41.2420, 40.4367, 48.2027



41.3504, 40.4367, 40.7021

Sweetspot

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



35.7573, 40.4384, 40.1038



70.2026, 75.4242, 79.9883



38.0382, 41.6646, 37.9361



15.4458, 16.6871, 17.5716



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.



35.7573, 40.4384, 40.1038



62.4958, 71.6698, 69.7508



36.5676, 40.7625, 44.3705



7.9925, 8.9746, 8.9856



11.3924, 22.1222, 5.8400



0.3403, 0.6248, 0.2857

Inverse Universe

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



36.9934, 36.1312, 43.0565



65.0884, 62.6347, 75.9438



36.1881, 35.8091, 38.8162



8.2407, 8.1095, 9.5786



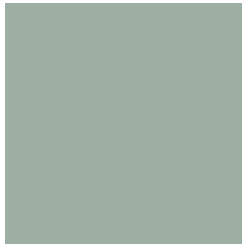
15.4029, 7.6237, 15.0332



0.4501, 0.2207, 0.5320

Previews

White Background



This preview shows how the XYZ color 35.7562, 40.4367, 40.1029 looks on a white background.

Color Contrast Check

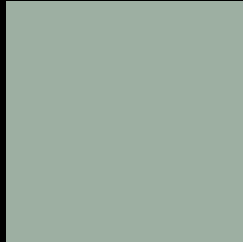
Large Text (above 18pt) WCAG AA × Fail

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 35.7562, 40.4367, 40.1029 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

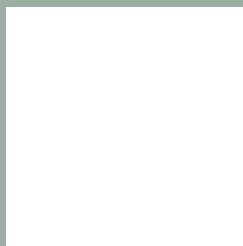
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7562, 40.4367, 40.1029

Background



This preview shows how black text looks on a background with the XYZ color 35.7562, 40.4367, 40.1029.



This preview shows how white text looks on a background with the XYZ color 35.7562, 40.4367,

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

35.7562, 40.4367, 40.1029

Protanopia

38.5372, 40.4828, 38.5837

Deuteranopia

41.1422, 40.4094, 40.7533



Tritanopia

38.2074, 40.5849, 51.7189

Trichromacy



Original Color

35.7562, 40.4367, 40.1029

Protanomaly

37.4599, 40.4781, 39.0964

Deuteranomaly

38.9303, 40.3674, 40.3902

Tritanomaly

37.3766, 40.5350, 47.4491

Monochromacy



Original Color

35.7562, 40.4367, 40.1029

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7557, 39.7715, 41.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7562, 40.4367, 40.1029 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(157, 175, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 162)  
}
```

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(157, 175, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.7562, 40.4367, 40.1029 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(157, 175, 162) }
```


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

```
.border{ border-color:rgb(157, 175, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 175, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 175, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 175, 162);  
box-shadow:4px 4px 4px 4px rgb(157, 175,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7562, 40.4367, 40.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 162) }
```

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

```
.background{ background-color: rgb(157,  
175, 162) }
```

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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