

Converting Colors

XYZ(35.7333, 38.8345, 39.1884)

Have a look what the booklet for
XYZ(35.7333, 38.8345, 39.1884)
contains.

XYZ(35.7252, 38.7357, 39.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.7252, 38.7357,
39.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A9A1
RGB	163, 169, 161
RGB Percent	64%, 66%, 63%
CMY	0.3608, 0.3372, 0.3686
CMYK	0.04, 0.00, 0.05, 0.34
HSL	105°, 4%, 65%
HSV	105°, 5%, 66%
XYZ	35.7252, 38.7357, 39.3120
YIQ	166.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

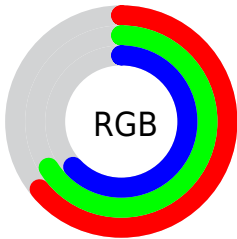
Format	Color
RYB	161, 169, 167
Decimal	10725793
CIELab	68.56, -3.64, 3.38
CIELCh	69, 4.966, 137.131
Yxy	38.7357, 0.3140, 0.3405
Android (android.graphics.Color)	4288915873 (0xFFA3A9A1)
YUV	166.2940, -2.6099, -2.8888
Hunter-Lab	62.2380, -6.4559, 6.1167

Details

The XYZ color **35.7252, 38.7357, 39.3120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8443, 36.5709, 42.7079**, and the grayscale version is **36.4012, 38.2969, 41.7054**.

A 20% lighter version of the original color is **67.9638, 73.1746, 75.5078**, and **15.7313, 17.2279, 17.2480** is the 20% darker color. If you saturate the color by 10%, you get **31.8677, 36.9089, 31.8705**, and if you desaturate by 10%, it is **40.0467, 40.7806, 47.8285**.

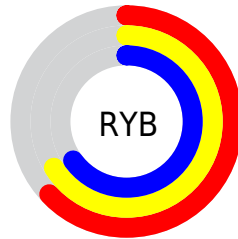
Distribution



Red (64%)

Green (66%)

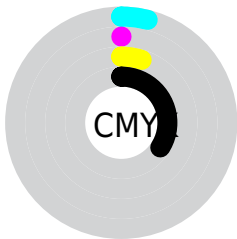
Blue (63%)



Red (63%)

Yellow (66%)

Blue (65%)

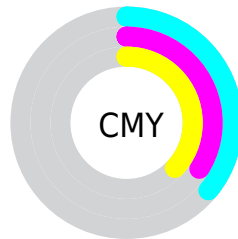


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (34%)



Cyan (36%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7252, 38.7357, 39.3120 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 35.7252, 38.7357, 39.3120 by changing the saturation by 10% instead.

■ 35.7252, 38.7357,
39.3120

■ 35.7252, 38.7357,
39.3120

319.2101,
340.7655, 358.6807

■ 24.3912, 26.5542,
26.6928

■ 67.9344, 73.2344,
75.3403

■ 15.7503, 17.2387,
17.1123

■ 89.5402, 96.3203,
99.5865

■ 9.4374, 10.4048,
10.1518

115.3007,
123.8099, 128.5455

■ 5.0869, 5.6682,
5.3928

145.5811,
156.0874, 162.6357

■ 2.3336, 2.6444,
2.4168

180.7469,
193.5374, 202.2759

■ 0.8118, 0.9490,
0.7956

221.1635,

■ 0.0000, 0.0000,

236.5441, 247.8844

0.0000

267.1961,
285.4920, 299.8798

■ 35.7252, 38.7357,
39.3120

■ 35.7252, 38.7357,
39.3120

■ 31.8677, 36.9089,
31.8705

■ 40.0467, 40.7806,
47.8285

■ 28.4551, 35.2881,
25.4587

■ 44.8437, 43.0454,
57.4576

■ 25.4722, 33.8673,
20.0321

■ 50.1316, 45.5383,
68.2383

■ 22.9012, 32.6386,
15.5418

■ 55.9240, 48.2654,
80.2070

■ 20.7233, 31.5935,
11.9347

■ 62.2338, 51.2328,
93.3985

■ 18.9180, 30.7225,
9.1525

■ 67.8585, 53.9602,
101.4466

■ 17.4630, 30.0157,
7.1298

■ 72.2919, 56.2457,
101.6540

■ 16.3331, 29.4617,
5.7913

■ 73.4788, 56.8575,
101.7096

■ 15.4993, 29.0475,
5.0453

Harmonies

Analogous

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



36.3756, 38.7357, 38.1907



35.7252, 38.7357, 39.3120



35.3695, 38.7357, 41.2240

Triad

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



35.7252, 38.7357, 39.3120



36.4830, 38.7357, 46.5191



38.2740, 38.7357, 40.9198

Complementary

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



35.7252, 38.7357, 39.3120



35.8443, 36.5709, 42.7079

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.



38.3037, 38.7357, 43.1438



35.7252, 38.7357, 39.3120



37.2622, 38.7357, 46.4306

Square

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



35.7252, 38.7357, 39.3120



35.8028, 38.7357, 45.4147



37.9311, 38.7357, 45.1771



37.8504, 38.7357, 39.0962

Rectangle

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



35.7252, 38.7357, 39.3120



35.3440, 38.7357, 42.7138



37.9311, 38.7357, 45.1771



38.3306, 38.7357, 41.6439

Sweetspot

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



35.7263, 38.7374, 39.3128



66.7585, 70.6873, 75.8441



36.6156, 38.6474, 39.2486



14.5600, 15.4113, 16.5496



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7263, 38.7374, 39.3128



62.9839, 68.9009, 68.4626



35.4980, 38.5991, 40.2307



7.8521, 8.6115, 8.5049



11.3354, 21.5409, 3.5604



0.3211, 0.5474, 0.0887

Inverse Universe

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



35.8443, 36.5709, 42.7079



63.2539, 63.9422, 76.2333



36.0835, 36.7158, 41.7459



7.8879, 7.9526, 9.5376



11.8864, 5.5111, 28.4128



0.3318, 0.1561, 0.6933

Previews

White Background



This preview shows how the XYZ color 35.7252, 38.7357, 39.3120 looks on a white background.

Color Contrast Check

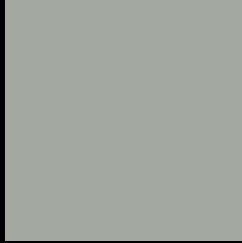
Large Text (above 18pt) WCAG AA × Fail

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 35.7252, 38.7357, 39.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

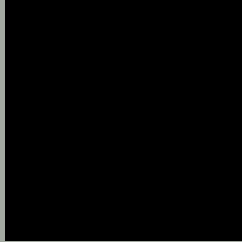
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7252, 38.7357, 39.3120

Background



This preview shows how black text looks on a background with the XYZ color 35.7252, 38.7357, 39.3120.



This preview shows how white text looks on a background with the XYZ color 35.7252, 38.7357,

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

35.7252, 38.7357, 39.3120

Protanopia

36.9946, 38.5812, 38.7548

Deuteranopia

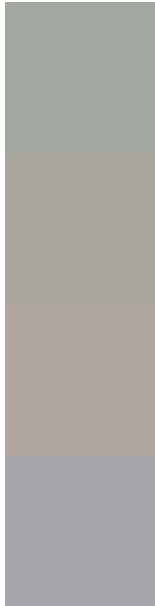
39.4495, 38.7636, 39.5853



Tritanopia

37.4988, 38.6341, 48.1286

Trichromacy



Original Color

35.7252, 38.7357, 39.3120

Protanomaly

36.5261, 38.6105, 38.7852

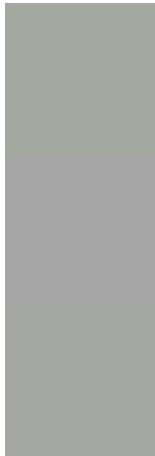
Deuteranomaly

38.1082, 38.8660, 39.6758

Tritanomaly

36.7822, 38.6153, 44.5446

Monochromacy



Original Color

35.7252, 38.7357, 39.3120

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0366, 38.3171, 40.6186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7252, 38.7357, 39.3120 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(163, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(163, 169, 161)  
}
```

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(163, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 169, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.7252, 38.7357, 39.3120 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(163, 169, 161) }
```


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

```
.border{ border-color:rgb(163, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 169,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7252, 38.7357, 39.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 169, 161) }
```

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

```
.background{ background-color: rgb(163,  
169, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor