

Converting Colors

XYZ(34.9320, 38.1078, 41.5959)

Have a look what the booklet for
XYZ(34.9320, 38.1078, 41.5959)
contains.

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Color

**XYZ(34.7902, 37.9265,
41.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA8A6
RGB	157, 168, 166
RGB Percent	62%, 66%, 65%
CMY	0.3843, 0.3412, 0.3490
CMYK	0.07, 0.00, 0.01, 0.34
HSL	169°, 6%, 64%
HSV	169°, 7%, 66%
XYZ	34.7902, 37.9265, 41.5633
YIQ	164.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

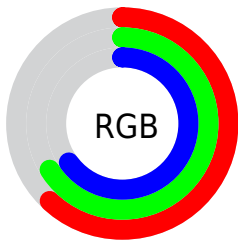
Format	Color
RYB	157, 163, 168
Decimal	10332326
CIELab	67.97, -4.26, -0.31
CIELCh	68, 4.271, 184.193
Yxy	37.9265, 0.3044, 0.3319
Android (android.graphics.Color)	4288522406 (0xFF9DA8A6)
YUV	164.4830, 0.7479, -6.5626
Hunter-Lab	61.5845, -6.9350, 3.0944

Details

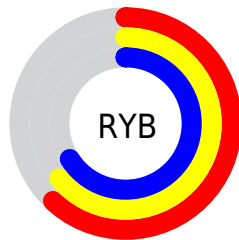
The XYZ color **34.7902, 37.9265, 41.5633** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4648, 34.9430, 37.7309**, and the grayscale version is **35.5162, 37.3658, 40.6914**.

A 20% lighter version of the original color is **66.5902, 71.9929, 78.7929**, and **15.2265, 16.7699, 18.3540** is the 20% darker color. If you saturate the color by 10%, you get **31.4582, 36.2419, 39.9611**, and if you desaturate by 10%, it is **38.5817, 39.8494, 43.2234**.

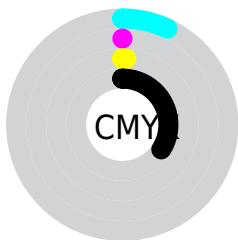
Distribution



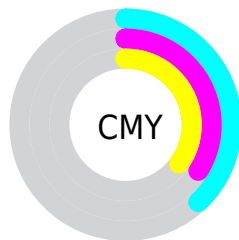
- Red (62%)
- Green (66%)
- Blue (65%)



- Red (62%)
- Yellow (64%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (38%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7902, 37.9265, 41.5633 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 34.7902, 37.9265, 41.5633 by changing the saturation by 10% instead.

■ 34.7902, 37.9265,
41.5633

■ 34.7902, 37.9265,
41.5633

315.1656,
337.3046, 368.4156

■ 23.6671, 25.9256,
28.4365

■ 66.4968, 71.9955,
78.8012

■ 15.2102, 16.7680,
18.4130

■ 87.8110, 94.8324,
103.7494

■ 9.0543, 10.0692,
11.0744

113.2529,
122.0501, 133.4751

■ 4.8340, 5.4449,
6.0021

143.1878,
154.0330, 168.3969

■ 2.1840, 2.5106,
2.7776

177.9812,
191.1655, 208.9333

■ 0.7343, 0.8819,
0.9822

217.9984,

■ 0.0000, 0.0000,

233.8320, 255.5028

0.0000

263.6047,
282.4169, 308.5241

■ 34.7902, 37.9265,
41.5633

■ 34.7902, 37.9265,
41.5633

■ 31.4582, 36.2419,
39.9611

■ 38.5817, 39.8494,
43.2234

■ 28.5643, 34.7813,
38.4132

■ 42.8469, 42.0146,
44.9400

■ 26.0899, 33.5362,
36.9193

■ 47.6031, 44.4321,
46.7148

■ 24.0139, 32.4957,
35.4781

■ 52.8660, 47.1101,
48.5488

■ 22.3135, 31.6481,
34.0883

■ 58.6504, 50.0561,
50.4431

■ 20.9633, 30.9803,
32.7486

■ 63.9316, 52.7420,
52.3497

■ 19.9350, 30.4777,
31.4572

■ 64.2565, 52.8719,
54.0606

■ 19.1954, 30.1233,
30.2125

■ 64.5884, 53.0047,
55.8082

■ 18.6982, 29.8930,
29.0120

■ 64.9273, 53.1402,
57.5929

Harmonies

Analogous

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



34.9113, 37.9265, 39.7248



34.7902, 37.9265, 41.5633



35.0027, 37.9265, 43.3837

Triad

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



34.7902, 37.9265, 41.5633



36.7699, 37.9265, 44.3929



36.6064, 37.9265, 38.0919

Complementary

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



34.7902, 37.9265, 41.5633



34.4648, 34.9430, 37.7309

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.



37.1139, 37.9265, 39.2755



34.7902, 37.9265, 41.5633



37.2091, 37.9265, 42.9071

Square

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



34.7902, 37.9265, 41.5633



36.1414, 37.9265, 45.0488



37.3358, 37.9265, 41.0289



35.9548, 37.9265, 37.7567

Rectangle

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



34.7902, 37.9265, 41.5633



35.3065, 37.9265, 44.3310



37.3358, 37.9265, 41.0289



36.7998, 37.9265, 38.4019

Sweetspot

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



34.7913, 37.9281, 41.5641



66.1296, 70.3420, 76.7664



34.3910, 37.8138, 37.3851



14.4306, 15.3402, 16.7393



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.



34.7913, 37.9281, 41.5641



62.1095, 68.3057, 74.9490



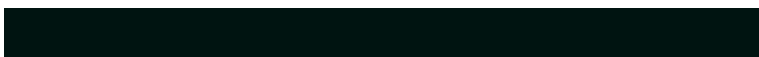
34.3418, 36.7329, 42.3278



7.6881, 8.5083, 9.3436



14.0242, 22.5285, 21.6922



0.3560, 0.5540, 0.6057

Inverse Universe

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



34.4648, 34.9430, 37.7309



61.3804, 61.6386, 66.3878



34.8903, 36.0699, 37.0222



7.5848, 7.5638, 8.1308



12.3916, 6.3653, 1.6075



0.3170, 0.1611, 0.1210

Previews

White Background



This preview shows how the XYZ color 34.7902, 37.9265, 41.5633 looks on a white background.

Color Contrast Check

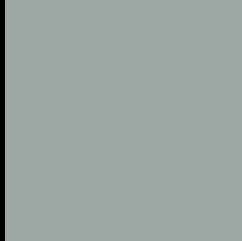
Large Text (above 18pt) WCAG AA × Fail

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 34.7902, 37.9265, 41.5633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

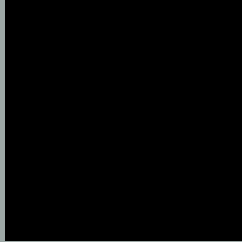
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

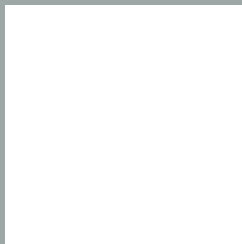
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7902, 37.9265, 41.5633

Background



This preview shows how black text looks on a background with the XYZ color 34.7902, 37.9265, 41.5633.

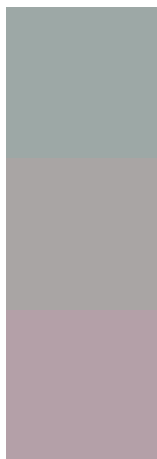


This preview shows how white text looks on a background with the XYZ color 34.7902, 37.9265,

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

34.7902, 37.9265, 41.5633

Protanopia

36.5182, 38.0256, 40.5369

Deuteranopia

38.4611, 37.6721, 42.2901



Tritanopia

36.0710, 37.8980, 48.0617

Trichromacy



Original Color

34.7902, 37.9265, 41.5633

Protanomaly

35.9448, 37.9884, 41.0353

Deuteranomaly

37.0855, 37.7551, 41.8921

Tritanomaly

35.5592, 37.9625, 45.4977

Monochromacy



Original Color

34.7902, 37.9265, 41.5633

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9446, 37.2039, 40.9366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7902, 37.9265, 41.5633 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, 168, 166) looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 166)  
}
```

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, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.7902, 37.9265, 41.5633 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, 168, 166) }
```


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

```
.border{ border-color:rgb(157, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7902, 37.9265, 41.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 166) }
```

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

```
.background{ background-color: rgb(157,  
168, 166) }
```

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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