

Converting Colors

XYZ(35.0264, 35.8665, 35.4717)

Have a look what the booklet for
XYZ(35.0264, 35.8665, 35.4717)
contains.

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Color

**XYZ(35.0255, 35.7873,
35.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9F9A
RGB	171, 159, 154
RGB Percent	67%, 62%, 60%
CMY	0.3294, 0.3765, 0.3961
CMYK	0.00, 0.07, 0.10, 0.33
HSL	18°, 9%, 64%
HSV	18°, 10%, 67%
XYZ	35.0255, 35.7873, 35.6334
YIQ	162.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

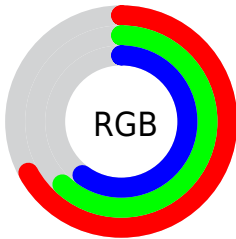
Format	Color
RYB	171, 161, 154
Decimal	11247514
CIELab	66.36, 3.48, 4.17
CIELCh	66, 5.432, 50.136
Yxy	35.7873, 0.3290, 0.3362
Android (android.graphics.Color)	4289437594 (0xFFAB9F9A)
YUV	162.0180, -3.9529, 7.8772
Hunter-Lab	59.8225, -0.1793, 6.5595

Details

The XYZ color **35.0255, 35.7873, 35.6334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3133, 37.0822, 43.8777**, and the grayscale version is **34.3670, 36.1567, 39.3747**.

A 20% lighter version of the original color is **66.7958, 68.8160, 69.4368**, and **15.4185, 15.6263, 15.0355** is the 20% darker color. If you saturate the color by 10%, you get **31.7269, 31.3091, 28.0007**, and if you desaturate by 10%, it is **38.7316, 40.7551, 44.4038**.

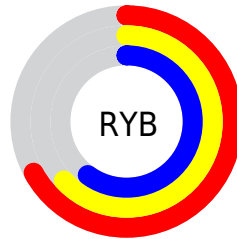
Distribution



Red (67%)

Green (62%)

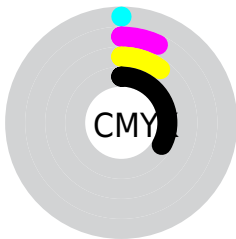
Blue (60%)



Red (67%)

Yellow (63%)

Blue (60%)

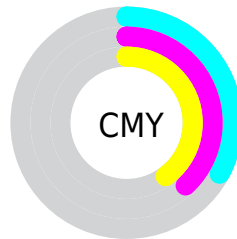


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0255, 35.7873, 35.6334 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 35.0255, 35.7873, 35.6334 by changing the saturation by 10% instead.


 35.0255, 35.7873,
35.6334


 35.0255, 35.7873,
35.6334

316.1869,
328.0299, 342.3442

 23.8491, 24.2700,
23.8637


 66.8590, 68.7036,
69.6285

 15.3459, 15.5340,
15.0213


 88.2469, 90.8714,
92.6911

 9.1504, 9.1950,
8.6876


113.7693,
117.3582, 120.3550

 4.8973, 4.8686,
4.4439

143.7916,
148.5483, 153.0388

 2.2213, 2.1704,
1.8719

178.6792,
184.8261, 191.1611

 0.7539, 0.7038,
0.4748

218.7973,

 0.0000, 0.0000,

226.5760, 235.1404

0.0000

264.5115,
274.1825, 285.3953

■ 35.0255, 35.7873,
35.6334

■ 35.0255, 35.7873,
35.6334

■ 31.7269, 31.3091,
28.0007

■ 38.7316, 40.7551,
44.4038

■ 28.8186, 27.3007,
21.4567

■ 42.8559, 46.2220,
54.3538

■ 26.2864, 23.7480,
15.9517

■ 47.4122, 52.2034,
65.5259

■ 24.1139, 20.6344,
11.4319

■ 52.4129, 58.7123,
77.9599

■ 22.2838, 17.9421,
7.8380

■ 57.8699, 65.7614,
91.6936

■ 20.7770, 15.6522,
5.1046

■ 63.5355, 73.2594,
105.3995

■ 19.5723, 13.7441,
3.1575

■ 67.0384, 80.2652,
106.5672

■ 18.6455, 12.1950,
1.9097

■ 70.6048, 87.3980,
107.7560

■ 17.9530, 10.9735,
1.1747

Harmonies

Analogous

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



35.5020, 35.7873, 37.4469



35.0255, 35.7873, 35.6334



34.2830, 35.7873, 34.7242

Triad

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



35.0255, 35.7873, 35.6334



32.4994, 35.7873, 38.2052



34.5552, 35.7873, 43.3177

Complementary

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



35.0255, 35.7873, 35.6334



34.3133, 37.0822, 43.8777

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.



33.7480, 35.7873, 43.5405



35.0255, 35.7873, 35.6334



32.5696, 35.7873, 40.5262

Square

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



35.0255, 35.7873, 35.6334



32.8302, 35.7873, 36.1695



33.0236, 35.7873, 42.5008



35.2275, 35.7873, 41.9036

Rectangle

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



35.0255, 35.7873, 35.6334



33.7407, 35.7873, 34.7276



33.0236, 35.7873, 42.5008



34.2903, 35.7873, 43.5365

Sweetspot

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



35.0265, 35.7889, 35.6342



67.2214, 70.1269, 74.4140



35.2505, 34.5295, 40.9721



14.8712, 15.4787, 16.3110



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.



35.0265, 35.7889, 35.6342



61.3252, 62.1979, 60.5382



36.5046, 38.7452, 36.1269



8.1902, 8.3852, 8.4002



13.5717, 8.3489, 0.8962



0.4255, 0.3282, 0.0409

Inverse Universe

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



34.3133, 37.0822, 43.8777



59.7798, 64.9992, 78.3973



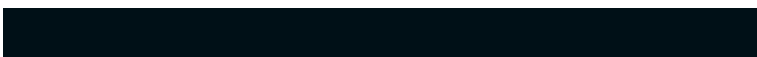
32.8505, 34.1566, 43.3901



8.0343, 8.6679, 10.2023



10.7132, 12.5603, 30.9042



0.3424, 0.4381, 0.8745

Previews

White Background



This preview shows how the XYZ color 35.0255, 35.7873, 35.6334 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 35.0255, 35.7873, 35.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

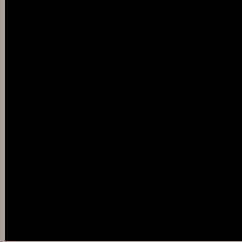
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0255, 35.7873, 35.6334

Background



This preview shows how black text looks on a background with the XYZ color 35.0255, 35.7873, 35.6334.



This preview shows how white text looks on a background with the XYZ color 35.0255, 35.7873,

35.6334.

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

35.0255, 35.7873, 35.6334

Protanopia

34.3871, 35.9633, 36.1396

Deuteranopia

36.3953, 35.7272, 35.9881



Tritanopia

36.4520, 35.8628, 42.5371

Trichromacy



Original Color

35.0255, 35.7873, 35.6334

Protanomaly

34.6356, 35.8330, 36.1013

Deuteranomaly

35.8779, 35.7106, 36.0122

Tritanomaly

35.9410, 35.9047, 40.1580

Monochromacy



Original Color

35.0255, 35.7873, 35.6334

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5199, 35.9923, 37.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0255, 35.7873, 35.6334 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(171, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 154)  
}
```

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(171, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.0255, 35.7873, 35.6334 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(171, 159, 154) }
```


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

```
.border{ border-color:rgb(171, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0255, 35.7873, 35.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 154) }
```

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

```
.background{ background-color: rgb(171,  
159, 154) }
```

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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