

Converting Colors

XYZ(33.4342, 34.3625, 34.3205)

Have a look what the booklet for
XYZ(33.4342, 34.3625, 34.3205)
contains.

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Color

**XYZ(33.5792, 34.5638,
34.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	A79D97
RGB	167, 157, 151
RGB Percent	65%, 62%, 59%
CMY	0.3451, 0.3843, 0.4078
CMYK	0.00, 0.06, 0.10, 0.35
HSL	23°, 8%, 62%
HSV	23°, 10%, 65%
XYZ	33.5792, 34.5638, 34.1798
YIQ	159.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

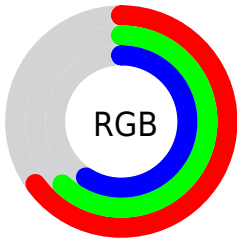
Format	Color
RYB	167, 161, 151
Decimal	10984855
CIELab	65.41, 2.57, 4.43
CIELCh	65, 5.124, 59.889
Yxy	34.5638, 0.3282, 0.3378
Android (android.graphics.Color)	4289174935 (0xFFA79D97)
YUV	159.3060, -4.0949, 6.7476
Hunter-Lab	58.7910, -0.9317, 6.6838

Details

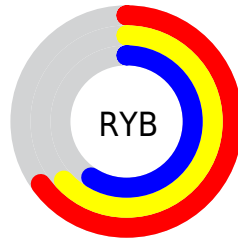
The XYZ color **33.5792, 34.5638, 34.1798** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4822, 34.8583, 41.5758**, and the grayscale version is **33.1111, 34.8355, 37.9358**.

A 20% lighter version of the original color is **64.6871, 67.0243, 67.2852**, and **14.5245, 14.8730, 14.1618** is the 20% darker color. If you saturate the color by 10%, you get **30.6276, 30.6792, 26.9719**, and if you desaturate by 10%, it is **36.8757, 38.8299, 42.4514**.

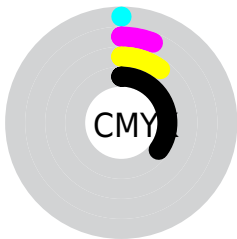
Distribution



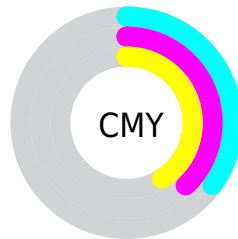
- Red (65%)
- Green (62%)
- Blue (59%)



- Red (65%)
- Yellow (63%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5792, 34.5638, 34.1798 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 33.5792, 34.5638, 34.1798 by changing the saturation by 10% instead.

■ 33.5792, 34.5638,
34.1798

■ 33.5792, 34.5638,
34.1798

309.8707,
322.6388, 335.7266

■ 22.7319, 23.3271,
22.7533

■ 64.6274, 66.8095,
67.3503

■ 14.5153, 14.8352,
14.2079

■ 85.5590, 88.5872,
89.9313

■ 8.5640, 8.7038,
8.1250

110.5827,
114.6474, 117.0676

■ 4.5127, 4.5485,
4.0861

140.0639,
145.3744, 149.1776

■ 1.9961, 1.9849,
1.6727

174.3679,
181.1526, 186.6800

■ 0.6318, 0.5987,
0.3419

213.8602,

■ 0.0000, 0.0000,

222.3665, 229.9933

0.0000

258.9060,
269.4004, 279.5360

■ 33.5792, 34.5638,
34.1798

■ 33.5792, 34.5638,
34.1798

■ 30.6276, 30.6792,
26.9719

■ 36.8757, 38.8299,
42.4514

■ 28.0061, 27.1607,
20.7820

■ 40.5253, 43.4831,
51.8254

■ 25.7034, 23.9988,
15.5640

■ 44.5398, 48.5349,
62.3415

■ 23.7059, 21.1814,
11.2678

■ 48.9292, 53.9947,
74.0366

■ 21.9993, 18.6961,
7.8385

■ 53.7033, 59.8716,
86.9460

■ 20.5680, 16.5295,
5.2154

■ 58.8715, 66.1746,
101.1035

■ 19.3943, 14.6669,
3.3298

■ 62.2952, 72.0531,
105.2321

■ 18.4584, 13.0925,
2.1011

■ 65.2872, 78.0369,
106.2294

■ 17.7232, 11.7829,
1.3603

■ 68.4559, 84.3744,
107.2856

Harmonies

Analogous

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



34.1156, 34.5638, 35.6172



33.5792, 34.5638, 34.1798



32.8546, 34.5638, 33.6608

Triad

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



33.5792, 34.5638, 34.1798



31.4335, 34.5638, 37.6261



33.5743, 34.5638, 41.3221

Complementary

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



33.5792, 34.5638, 34.1798



32.4822, 34.8583, 41.5758

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.



32.8491, 34.5638, 41.9084



33.5792, 34.5638, 34.1798



31.6198, 34.5638, 39.7258

Square

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



33.5792, 34.5638, 34.1798



31.6225, 34.5638, 35.6039



32.1351, 34.5638, 41.3136



34.1127, 34.5638, 39.7401

Rectangle

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



33.5792, 34.5638, 34.1798



32.3646, 34.5638, 33.8896



32.1351, 34.5638, 41.3136



33.3439, 34.5638, 41.6448

Sweetspot

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



33.5802, 34.5653, 34.1805



63.9204, 66.8102, 70.6613



33.4481, 32.9271, 38.3729



14.1986, 14.8145, 15.5470



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.



33.5802, 34.5653, 34.1805



59.2425, 60.7318, 58.9980



34.9537, 37.3124, 34.6384



7.7531, 7.9863, 7.9222



13.5844, 9.0660, 1.0339



0.3798, 0.3191, 0.0416

Inverse Universe

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



32.4822, 34.8583, 41.5758



56.9688, 61.3384, 74.3122



31.1510, 32.1959, 41.1321



7.5075, 8.0519, 9.5768



9.1999, 9.8600, 29.3938



0.2706, 0.3333, 0.7307

Previews

White Background



This preview shows how the XYZ color 33.5792, 34.5638, 34.1798 looks on a white background.

Color Contrast Check

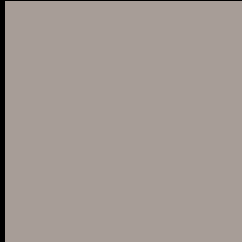
Large Text (above 18pt) WCAG AA × Fail

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 33.5792, 34.5638, 34.1798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

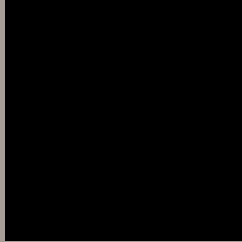
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5792, 34.5638, 34.1798

Background



This preview shows how black text looks on a background with the XYZ color 33.5792, 34.5638, 34.1798.



This preview shows how white text looks on a background with the XYZ color 33.5792, 34.5638,

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

33.5792, 34.5638, 34.1798

Protanopia

32.9986, 34.5072, 34.6271

Deuteranopia

35.1902, 34.3966, 34.4902



Tritanopia

35.0586, 34.6677, 41.4030

Trichromacy



Original Color

33.5792, 34.5638, 34.1798

Protanomaly

33.2042, 34.6132, 34.6367

Deuteranomaly

34.4567, 34.2624, 34.5030

Tritanomaly

34.4699, 34.6750, 38.5944

Monochromacy



Original Color

33.5792, 34.5638, 34.1798

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1279, 34.5354, 36.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5792, 34.5638, 34.1798 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(167, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 157, 151)  
}
```

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(167, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.5792, 34.5638, 34.1798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

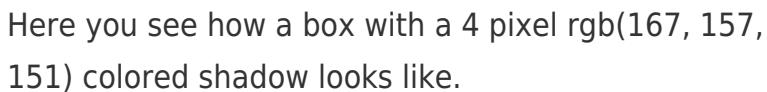
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 157, 151) }
```


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

```
.border{ border-color:rgb(167, 157, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5792, 34.5638, 34.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 157, 151) }
```

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

```
.background{ background-color: rgb(167,  
157, 151) }
```

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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