

Converting Colors

XYZ(33.1305, 34.9708, 41.7511)

Have a look what the booklet for
XYZ(33.1305, 34.9708, 41.7511)
contains.

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Color

**XYZ(33.0634, 34.9002,
41.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA0A7
RGB	155, 160, 167
RGB Percent	61%, 63%, 65%
CMY	0.3922, 0.3725, 0.3451
CMYK	0.07, 0.04, 0.00, 0.35
HSL	215°, 6%, 63%
HSV	215°, 7%, 65%
XYZ	33.0634, 34.9002, 41.5530
YIQ	159.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

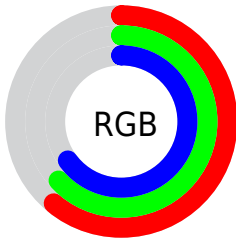
Format	Color
RYB	155, 159, 167
Decimal	10199207
CIELab	65.67, -0.38, -4.26
CIElCh	66, 4.275, 264.858
Yxy	34.9002, 0.3019, 0.3187
Android (android.graphics.Color)	4288389287 (0xFF9BA0A7)
YUV	159.3030, 3.7946, -3.7737
Hunter-Lab	59.0764, -3.4822, -0.3498

Details

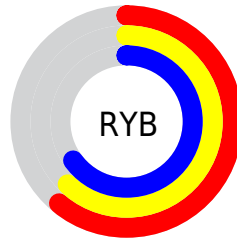
The XYZ color **33.0634, 34.9002, 41.5530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7731, 36.4223, 36.2083**, and the grayscale version is **33.0790, 34.8017, 37.8991**.

A 20% lighter version of the original color is **63.7798, 67.4301, 78.7610**, and **14.2721, 15.1181, 18.3855** is the 20% darker color. If you saturate the color by 10%, you get **28.4551, 30.1167, 40.8731**, and if you desaturate by 10%, it is **38.2493, 40.1797, 42.2993**.

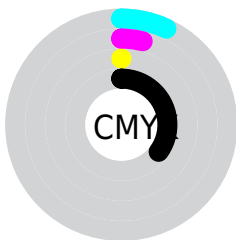
Distribution



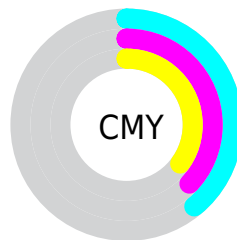
- Red (61%)
- Green (63%)
- Blue (65%)



- Red (61%)
- Yellow (62%)
- Blue (65%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0634, 34.9002, 41.5530 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 33.0634, 34.9002, 41.5530 by changing the saturation by 10% instead.

■ 33.0634, 34.9002,
41.5530

■ 33.0634, 34.9002,
41.5530

307.5953,
324.1276, 368.3714

■ 22.3345, 23.5860,
28.4285

■ 63.8285, 67.3311,
78.7854

■ 14.2209, 15.0268,
18.4071

■ 84.5954, 89.2167,
103.7304

■ 8.3572, 8.8382,
11.0702

109.4390,
115.3948, 133.4527

■ 4.3780, 4.6358,
5.9993

138.7247,
146.2498, 168.3707

■ 1.9182, 2.0352,
2.7759

172.8178,
182.1662, 208.9030

■ 0.5874, 0.6278,
0.9814

212.0837,

■ 0.0000, 0.0000,

223.5284, 255.4683

0.0000

256.8877,
270.7207, 308.4849

■ 33.0634, 34.9002,
41.5530

■ 33.0634, 34.9002,
41.5530

■ 28.4551, 30.1167,
40.8731

■ 38.2493, 40.1797,
42.2993

■ 24.4002, 25.8094,
40.2554

■ 44.0296, 45.9653,
43.1113

■ 20.8773, 21.9635,
39.6988

■ 50.4245, 52.2726,
43.9917

■ 17.8624, 18.5620,
39.2011

■ 57.4518, 59.1148,
44.9420

■ 15.3293, 15.5862,
38.7602

■ 65.1291, 66.5049,
45.9638

■ 13.2496, 13.0163,
38.3738

■ 73.3986, 74.4170,
47.0552

■ 11.5913, 10.8303,
38.0393

■ 76.0052, 79.6302,
47.9240

■ 10.3178, 9.0036,
37.7538

■ 78.7628, 85.1453,
48.8432

■ 9.3748, 7.5021,
37.5137

■ 81.6737, 90.9671,
49.8135

Harmonies

Analogous

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



32.4808, 34.9002, 40.9016



33.0634, 34.9002, 41.5530



33.6822, 34.9002, 41.2283

Triad

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



33.0634, 34.9002, 41.5530



34.2803, 34.9002, 36.5639



32.1931, 34.9002, 36.0427

Complementary

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



33.0634, 34.9002, 41.5530



34.7731, 36.4223, 36.2083

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.



32.6661, 34.9002, 34.9455



33.0634, 34.9002, 41.5530



33.8721, 34.9002, 35.2397

Square

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



33.0634, 34.9002, 41.5530



34.3899, 34.9002, 38.3114



33.2800, 34.9002, 34.6563



31.9824, 34.9002, 37.6910

Rectangle

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



33.0634, 34.9002, 41.5530



34.0314, 34.9002, 40.5071



33.2800, 34.9002, 34.6563



32.3264, 34.9002, 35.5993

Sweetspot

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



33.0644, 34.9017, 41.5538



63.8659, 67.2613, 75.0919



33.8406, 37.2081, 39.4881



14.3157, 15.0760, 16.8076



80.6108, 84.8088, 92.3568



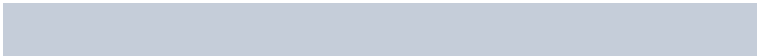
14.7206, 15.4872, 16.8656

Same Dimension

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



33.0644, 34.9017, 41.5538



57.5025, 60.7421, 74.1690



32.3685, 33.2812, 41.2777



7.3791, 7.7952, 9.5340



7.0415, 5.5432, 28.6743



0.2222, 0.2366, 0.7146

Inverse Universe

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



34.0036, 34.1969, 38.0679



59.6272, 59.1821, 66.2758



35.5035, 38.1332, 36.5001



7.6560, 7.5922, 8.5056



13.0548, 6.6306, 5.1002



0.3433, 0.1716, 0.2592

Previews

White Background



This preview shows how the XYZ color 33.0634, 34.9002, 41.5530 looks on a white background.

Color Contrast Check

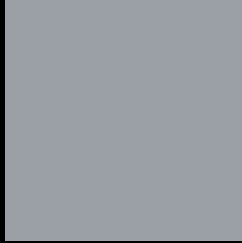
Large Text (above 18pt) WCAG AA × Fail

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 33.0634, 34.9002, 41.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

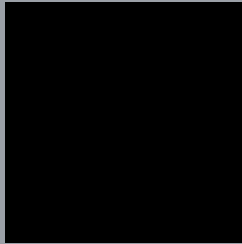
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0634, 34.9002, 41.5530

Background



This preview shows how black text looks on a background with the XYZ color 33.0634, 34.9002, 41.5530.



This preview shows how white text looks on a background with the XYZ color 33.0634, 34.9002,

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

33.0634, 34.9002, 41.5530

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

33.5548, 34.8428, 43.9865

Trichromacy



Original Color

33.0634, 34.9002, 41.5530

Protanomaly

33.3816, 34.8185, 41.0376

Deuteranomaly

34.6419, 34.9404, 41.9641

Tritanomaly

33.3641, 34.7665, 42.9823

Monochromacy



Original Color

33.0634, 34.9002, 41.5530

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0203, 34.6740, 39.1348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0634, 34.9002, 41.5530 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(155, 160, 167)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 167)  
}
```

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(155, 160, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.0634, 34.9002, 41.5530 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(155, 160, 167) }
```


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

```
.border{ border-color:rgb(155, 160, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 167);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0634, 34.9002, 41.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 167) }
```

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

```
.background{ background-color: rgb(155,  
160, 167) }
```

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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