

Converting Colors

XYZ(33.2377, 31.5699, 41.0176)

Have a look what the booklet for
XYZ(33.2377, 31.5699, 41.0176)
contains.

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Color

**XYZ(33.1903, 31.5633,
40.9022)**

Conversions

Conversions Part 1

Format	Color
Hex	A792A7
RGB	167, 146, 167
RGB Percent	65%, 57%, 65%
CMY	0.3451, 0.4274, 0.3451
CMYK	0.00, 0.13, 0.00, 0.35
HSL	300°, 11%, 61%
HSV	300°, 13%, 65%
XYZ	33.1903, 31.5633, 40.9022
YIQ	154.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

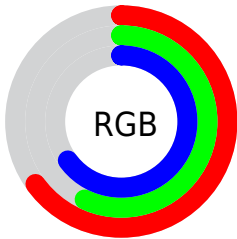
Format	Color
RYB	167, 146, 167
Decimal	10982055
CIELab	62.98, 11.66, -8.14
CIElCh	63, 14.221, 325.103
Yxy	31.5633, 0.3141, 0.2987
Android (android.graphics.Color)	4289172135 (0xFFA792A7)
YUV	154.6730, 6.0772, 10.8108
Hunter-Lab	56.1812, 7.1357, -3.8387

Details

The XYZ color **33.1903, 31.5633, 40.9022** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8623, 35.8247, 32.4841**, and the grayscale version is **30.9843, 32.5979, 35.4991**.

A 20% lighter version of the original color is **63.9633, 62.1121, 77.7248**, and **14.2570, 13.0671, 17.9904** is the 20% darker color. If you saturate the color by 10%, you get **30.8021, 26.7864, 40.1064**, and if you desaturate by 10%, it is **35.9565, 37.0951, 41.8247**.

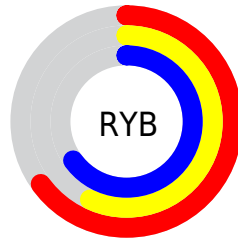
Distribution



Red (65%)

Green (57%)

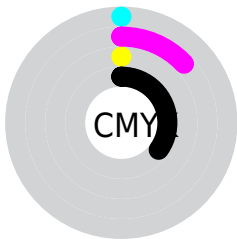
Blue (65%)



Red (65%)

Yellow (57%)

Blue (65%)

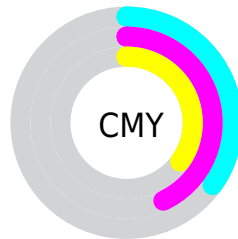


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1903, 31.5633, 40.9022 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 33.1903, 31.5633, 40.9022 by changing the saturation by 10% instead.

■ 33.1903, 31.5633,
40.9022

■ 33.1903, 31.5633,
40.9022

308.1562,
309.1251, 365.5762

■ 22.4322, 21.0282,
27.9235

■ 64.0252, 62.1259,
77.7875

■ 14.2932, 13.1446,
18.0295

■ 84.8327, 82.9221,
102.5312

■ 8.4079, 7.5282,
10.8015

109.7208,
107.9074, 132.0336

■ 4.4111, 3.7946,
5.8210

139.0547,
137.4663, 166.7134

■ 1.9372, 1.5593,
2.6695

173.1998,
171.9831, 206.9890

■ 0.5983, 0.3299,
0.9280

212.5216,

■ 0.0000, 0.0000,

211.8423, 253.2790

0.0000

257.3852,
257.4281, 306.0019

■ 33.1903, 31.5633,
40.9022

■ 33.1903, 31.5633,
40.9022

■ 30.8021, 26.7864,
40.1064

■ 35.9565, 37.0951,
41.8247

■ 28.7727, 22.7277,
39.4299

■ 39.1130, 43.4082,
42.8770

■ 27.0858, 19.3538,
38.8674

■ 42.6753, 50.5326,
44.0645

■ 25.7223, 16.6270,
38.4129

■ 46.6569, 58.4959,
45.3918

■ 24.6618, 14.5059,
38.0593

■ 51.0710, 67.3240,
46.8633

■ 23.8809, 12.9443,
37.7989

■ 55.9299, 77.0418,
48.4830

■ 23.3535, 11.8894,
37.6230

■ 58.6719, 82.5257,
49.3971

■ 23.0480, 11.2784,
37.5211

■ 58.6719, 82.5257,
49.3972

■ 22.9116, 11.0056,
37.4755

■ 58.6719, 82.5257,
49.3973

Harmonies

Analogous

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



31.6234, 31.5633, 45.0681



33.1903, 31.5633, 40.9022



33.9038, 31.5633, 35.2944

Triad

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



33.1903, 31.5633, 40.9022



30.3220, 31.5633, 24.7169



26.7227, 31.5633, 39.1403

Complementary

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



33.1903, 31.5633, 40.9022



30.8623, 35.8247, 32.4841

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.



26.4079, 31.5633, 33.4561



33.1903, 31.5633, 40.9022



28.4331, 31.5633, 25.5101

Square

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



33.1903, 31.5633, 40.9022



32.2026, 31.5633, 26.2710



27.0209, 31.5633, 28.5680



27.9001, 31.5633, 43.9759

Rectangle

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



33.1903, 31.5633, 40.9022



33.7780, 31.5633, 31.6373



27.0209, 31.5633, 28.5680



26.5147, 31.5633, 37.2495

Sweetspot

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



33.1912, 31.5647, 40.9029



63.6083, 64.8609, 74.6421



29.1094, 29.4604, 40.7120



14.1496, 14.3452, 16.6752



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.



33.1912, 31.5647, 40.9029



58.2227, 54.0899, 72.8467



32.2595, 31.1920, 35.9965



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Inverse Universe

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



33.1912, 31.5647, 40.9029



58.2227, 54.0899, 72.8467



31.7171, 36.1666, 36.9853



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 33.1903, 31.5633, 40.9022 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 33.1903, 31.5633, 40.9022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

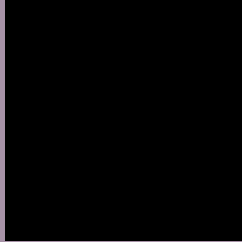
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1903, 31.5633, 40.9022

Background



This preview shows how black text looks on a background with the XYZ color 33.1903, 31.5633, 40.9022.



This preview shows how white text looks on a background with the XYZ color 33.1903, 31.5633,

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

33.1903, 31.5633, 40.9022

Protanopia

30.9000, 31.5195, 42.4855

Deuteranopia

32.2629, 31.5469, 40.9479



Tritanopia

32.4176, 31.4776, 37.1681

Trichromacy



Original Color

33.1903, 31.5633, 40.9022

Protanomaly

31.6192, 31.4274, 41.9357

Deuteranomaly

32.5130, 31.4440, 40.9149

Tritanomaly

32.6812, 31.5831, 38.5561

Monochromacy



Original Color

33.1903, 31.5633, 40.9022

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7843, 32.3306, 37.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1903, 31.5633, 40.9022 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, 146, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 146, 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(167, 146, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 146, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.1903, 31.5633, 40.9022 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, 146, 167) }
```


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

```
.border{ border-color:rgb(167, 146, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 146, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 146, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 146, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 146,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1903, 31.5633, 40.9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 146, 167) }
```

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

```
.background{ background-color: rgb(167,  
146, 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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