

Converting Colors

XYZ(33.4926, 33.3916, 40.2773)

Have a look what the booklet for
XYZ(33.4926, 33.3916, 40.2773)
contains.

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Color

**XYZ(33.4926, 33.3916,
40.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	A499A5
RGB	164, 153, 165
RGB Percent	64%, 60%, 65%
CMY	0.3569, 0.4000, 0.3529
CMYK	0.01, 0.07, 0.00, 0.35
HSL	295°, 6%, 62%
HSV	295°, 7%, 65%
XYZ	33.4926, 33.3916, 40.2773
YIQ	157.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

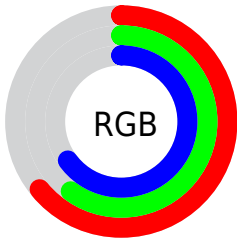
Format	Color
RYB	164, 153, 165
Decimal	10787237
CIELab	64.48, 6.28, -4.82
CIElCh	64, 7.914, 322.507
Yxy	33.3916, 0.3125, 0.3116
Android (android.graphics.Color)	4288977317 (0xFFA499A5)
YUV	157.6570, 3.6201, 5.5628
Hunter-Lab	57.7855, 2.3345, -0.8762

Details

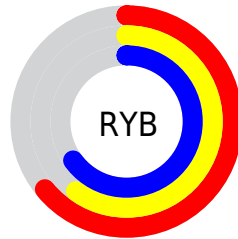
The XYZ color **33.4926, 33.3916, 40.2773** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5326, 36.0811, 35.3884**, and the grayscale version is **32.3282, 34.0118, 37.0388**.

A 20% lighter version of the original color is **64.4445, 64.8530, 76.8314**, and **14.4141, 14.1397, 17.5923** is the 20% darker color. If you saturate the color by 10%, you get **30.6946, 28.2143, 39.4259**, and if you desaturate by 10%, it is **36.6690, 39.3203, 41.2547**.

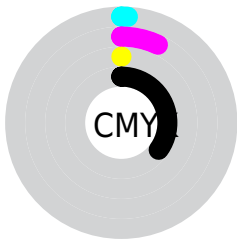
Distribution



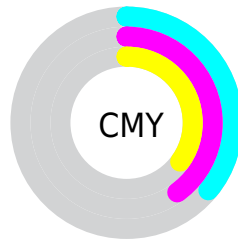
- Red (64%)
- Green (60%)
- Blue (65%)



- Red (64%)
- Yellow (60%)
- Blue (65%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4926, 33.3916, 40.2773 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 33.4926, 33.3916, 40.2773 by changing the saturation by 10% instead.

■ 33.4926, 33.3916,
40.2773

■ 33.4926, 33.3916,
40.2773

309.4895,
317.4106, 362.8778

■ 22.6651, 22.4266,
27.4394

■ 64.4934, 64.9864,
76.8273

■ 14.4658, 14.1707,
17.6681

■ 85.3974, 86.3851,
101.3765

■ 8.5292, 8.2395,
10.5450

110.3910,
112.0304, 130.6664

■ 4.4900, 4.2486,
5.6515

139.8394,
142.3067, 165.1158

■ 1.9829, 1.8136,
2.5690

174.1082,
177.5985, 205.1431

■ 0.6243, 0.4956,
0.8764

213.5625,

■ 0.0000, 0.0000,

218.2902, 251.1668

0.0000

258.5678,
264.7661, 303.6055

■ 33.4926, 33.3916,
40.2773

■ 33.4926, 33.3916,
40.2773

■ 30.6946, 28.2143,
39.4259

■ 36.6690, 39.3203,
41.2547

■ 28.2570, 23.7536,
38.6934

■ 40.2354, 46.0247,
42.3609

■ 26.1643, 19.9783,
38.0750

■ 44.2062, 53.5336,
43.6009

■ 24.3991, 16.8535,
37.5649

■ 48.5945, 61.8727,
44.9792

■ 22.9423, 14.3408,
37.1567

■ 53.4126, 71.0668,
46.5000

■ 21.7727, 12.3982,
36.8434

■ 58.6724, 81.1397,
48.1670

■ 20.8666, 10.9780,
36.6170

■ 59.9246, 83.1927,
48.4973

■ 20.1963, 10.0252,
36.4684

■ 60.2318, 83.3511,
48.5116

■ 19.7189, 9.4534,
36.3832

■ 60.5421, 83.5111,
48.5262

Harmonies

Analogous

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



32.5765, 33.3916, 42.4132



33.4926, 33.3916, 40.2773



33.9405, 33.3916, 37.1751

Triad

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



33.4926, 33.3916, 40.2773



32.0218, 33.3916, 30.5320



29.7729, 33.3916, 38.7916

Complementary

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



33.4926, 33.3916, 40.2773



32.5326, 36.0811, 35.3884

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.



29.6324, 33.3916, 35.5525



33.4926, 33.3916, 40.2773



30.9134, 33.3916, 30.9081

Square

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



33.4926, 33.3916, 40.2773



33.0783, 33.3916, 31.6418



30.0452, 33.3916, 32.7012



30.4338, 33.3916, 41.5205

Rectangle

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



33.4926, 33.3916, 40.2773



33.9060, 33.3916, 35.0271



30.0452, 33.3916, 32.7012



29.6639, 33.3916, 37.7217

Sweetspot

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



33.4936, 33.3930, 40.2780



62.8747, 65.1895, 73.0213



31.5185, 32.6678, 40.2421



13.7604, 14.2792, 15.9684



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.4936, 33.3930, 40.2780



58.9835, 57.9459, 71.8282



33.2720, 33.3284, 38.0299



7.3058, 7.1720, 8.9024



14.8477, 7.0608, 27.5101



0.3279, 0.1566, 0.5788

Inverse Universe

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



32.7422, 33.1164, 35.2400



57.3117, 57.3312, 60.5861



32.7475, 36.1452, 37.5096



7.0966, 7.0951, 7.4953



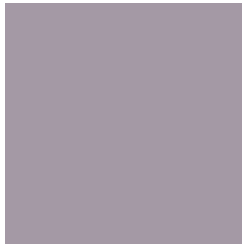
11.8059, 6.0784, 0.9026



0.2548, 0.1304, 0.0545

Previews

White Background



This preview shows how the XYZ color 33.4926, 33.3916, 40.2773 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 33.4926, 33.3916, 40.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

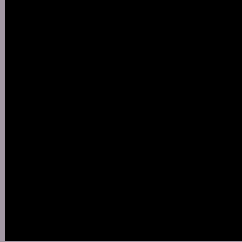
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4926, 33.3916, 40.2773

Background



This preview shows how black text looks on a background with the XYZ color 33.4926, 33.3916, 40.2773.



This preview shows how white text looks on a background with the XYZ color 33.4926, 33.3916,

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

33.4926, 33.3916, 40.2773

Protanopia

32.3146, 33.2638, 40.7938

Deuteranopia

33.9561, 33.3886, 40.2523



Tritanopia

33.4926, 33.3916, 40.2773

Trichromacy



Original Color

33.4926, 33.3916, 40.2773

Protanomaly

32.7366, 33.2353, 40.7660

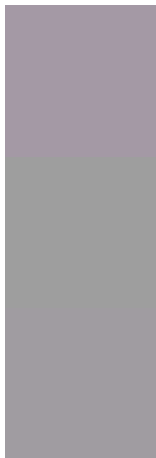
Deuteranomaly

33.7457, 33.2801, 40.2424

Tritanomaly

33.4926, 33.3916, 40.2773

Monochromacy



Original Color

33.4926, 33.3916, 40.2773

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8187, 33.8237, 38.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4926, 33.3916, 40.2773 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(164, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 165)  
}
```

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(164, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.4926, 33.3916, 40.2773 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(164, 153, 165) }
```


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

```
.border{ border-color:rgb(164, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4926, 33.3916, 40.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 165) }
```

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

```
.background{ background-color: rgb(164,  
153, 165) }
```

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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