

Converting Colors

XYZ(33.4524, 33.8010, 41.6598)

Have a look what the booklet for
XYZ(33.4524, 33.8010, 41.6598)
contains.

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Color

**XYZ(33.4872, 33.8469,
41.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	A19BA8
RGB	161, 155, 168
RGB Percent	63%, 61%, 66%
CMY	0.3686, 0.3921, 0.3412
CMYK	0.04, 0.08, 0.00, 0.34
HSL	268°, 7%, 63%
HSV	268°, 8%, 66%
XYZ	33.4872, 33.8469, 41.8139
YIQ	158.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

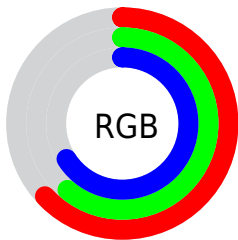
Format	Color
RYB	161, 155, 168
Decimal	10591144
CIELab	64.84, 4.69, -5.99
CIELCh	65, 7.610, 308.054
Yxy	33.8469, 0.3068, 0.3101
Android (android.graphics.Color)	4288781224 (0xFFA19BA8)
YUV	158.2760, 4.7939, 2.3889
Hunter-Lab	58.1781, 0.9326, -1.8884

Details

The XYZ color **33.4872, 33.8469, 41.8139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8205, 38.0540, 36.5219**, and the grayscale version is **32.6046, 34.3026, 37.3555**.

A 20% lighter version of the original color is **64.4386, 65.5276, 79.0638**, and **14.4094, 14.4128, 18.5455** is the 20% darker color. If you saturate the color by 10%, you get **29.1260, 27.7336, 40.8643**, and if you desaturate by 10%, it is **38.3713, 40.8091, 42.9008**.

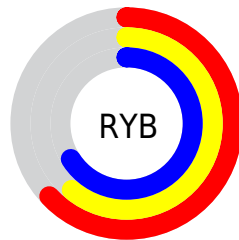
Distribution



Red (63%)

Green (61%)

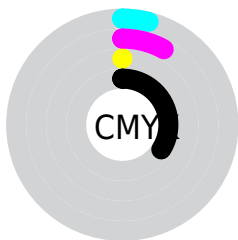
Blue (66%)



Red (63%)

Yellow (61%)

Blue (66%)

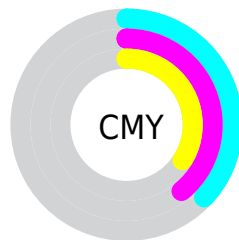


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4872, 33.8469, 41.8139 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 33.4872, 33.8469, 41.8139 by changing the saturation by 10% instead.

■ 33.4872, 33.8469,
41.8139

■ 33.4872, 33.8469,
41.8139

309.4657,
319.4488, 369.4878

■ 22.6610, 22.7760,
28.6311

■ 64.4850, 65.6955,
79.1849

■ 14.4627, 14.4282,
18.5588

■ 85.3873, 87.2420,
104.2103

■ 8.5270, 8.4191,
11.1783

110.3790,
113.0492, 134.0202

■ 4.4886, 4.3643,
6.0712

139.8254,
143.5014, 169.0333

■ 1.9821, 1.8793,
2.8189

174.0920,
178.9831, 209.6680

■ 0.6239, 0.5359,
1.0029

213.5439,

■ 0.0000, 0.0000,

219.8787, 256.3430

0.0000

258.5467,
266.5724, 309.4767

■ 33.4872, 33.8469,
41.8139

■ 33.4872, 33.8469,
41.8139

■ 29.1260, 27.7336,
40.8643

■ 38.3713, 40.8091,
42.9008

■ 25.2660, 22.4315,
40.0443

■ 43.7932, 48.6474,
44.1280

■ 21.8883, 17.9065,
39.3489

■ 49.7706, 57.3930,
45.5010

■ 18.9716, 14.1202,
38.7718

■ 56.3196, 67.0744,
47.0246

■ 16.4926, 11.0310,
38.3062

■ 63.4556, 77.7187,
48.7030

■ 14.4260, 8.5928,
37.9445

■ 70.9364, 88.8376,
50.4549

■ 12.7436, 6.7539,
37.6782

■ 73.6719, 90.2478,
50.5829

■ 11.4125, 5.4542,
37.4975

■ 76.5568, 91.7350,
50.7179

■ 10.3817, 4.5968,
37.3864

■ 79.5932, 93.3003,
50.8600

Harmonies

Analogous

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



32.4667, 33.8469, 43.1591



33.4872, 33.8469, 41.8139



34.1653, 33.8469, 39.1558

Triad

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



33.4872, 33.8469, 41.8139



32.9646, 33.8469, 31.5335



30.1284, 33.8469, 37.7057

Complementary

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



33.4872, 33.8469, 41.8139



34.8205, 38.0540, 36.5219

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.



30.2549, 33.8469, 34.6433



33.4872, 33.8469, 41.8139



31.8761, 33.8469, 31.1941

Square

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



33.4872, 33.8469, 41.8139



33.8588, 33.8469, 33.2566



30.8887, 33.8469, 32.3018



30.5392, 33.8469, 40.7009

Rectangle

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



33.4872, 33.8469, 41.8139



34.3232, 33.8469, 37.0589



30.8887, 33.8469, 32.3018



30.1096, 33.8469, 36.6489

Sweetspot

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



33.4882, 33.8483, 41.8146



65.7011, 68.4296, 76.9705



33.5334, 35.6904, 42.1678



14.3425, 14.9468, 16.7812



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.



33.4882, 33.8483, 41.8146



59.5804, 59.7441, 75.6166



34.8006, 34.5249, 41.8761



7.4485, 7.4638, 9.4664



7.7388, 3.3729, 28.2187



0.2477, 0.1127, 0.6893

Inverse Universe

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



34.3925, 34.3776, 39.0068



61.5138, 60.8758, 69.6064



33.5629, 37.4057, 36.4631



7.6937, 7.6073, 8.7041



13.6297, 6.8606, 8.1275



0.3570, 0.1771, 0.3315

Previews

White Background



This preview shows how the XYZ color 33.4872, 33.8469, 41.8139 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 33.4872, 33.8469, 41.8139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

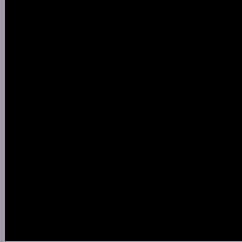
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4872, 33.8469, 41.8139

Background



This preview shows how black text looks on a background with the XYZ color 33.4872, 33.8469, 41.8139.



This preview shows how white text looks on a background with the XYZ color 33.4872, 33.8469,

41.8139.

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

33.4872, 33.8469, 41.8139

Protanopia

32.9545, 33.8096, 42.3251

Deuteranopia

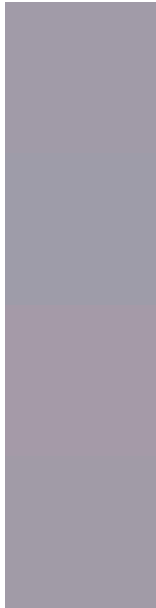
34.3955, 33.8251, 41.7619



Tritanopia

33.3943, 33.8098, 41.3251

Trichromacy



Original Color

33.4872, 33.8469, 41.8139

Protanomaly

33.1504, 33.9106, 42.3343

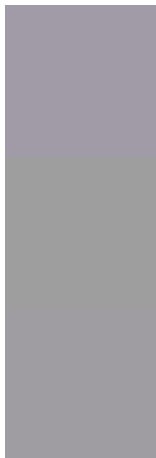
Deuteranomaly

34.1405, 33.9377, 41.7970

Tritanomaly

33.3943, 33.8098, 41.3251

Monochromacy



Original Color

33.4872, 33.8469, 41.8139

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8766, 34.0935, 39.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4872, 33.8469, 41.8139 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(161, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 168)  
}
```

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(161, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 33.4872, 33.8469, 41.8139 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(161, 155, 168) }
```


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

```
.border{ border-color:rgb(161, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4872, 33.8469, 41.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 168) }
```

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

```
.background{ background-color: rgb(161,  
155, 168) }
```

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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