

Converting Colors

XYZ(41.2099, 41.4844, 42.6379)

Have a look what the booklet for
XYZ(41.2099, 41.4844, 42.6379)
contains.

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Color

**XYZ(41.2634, 41.5174,
42.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A9A8
RGB	185, 169, 168
RGB Percent	73%, 66%, 66%
CMY	0.2745, 0.3372, 0.3412
CMYK	0.00, 0.09, 0.09, 0.27
HSL	4°, 11%, 69%
HSV	4°, 9%, 73%
XYZ	41.2634, 41.5174, 42.8846
YIQ	173.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

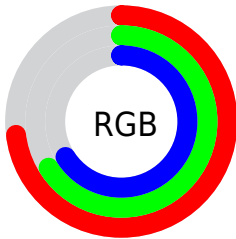
Format	Color
R_{YB}	185, 169, 168
Decimal	12167592
CIE _{Lab}	70.54, 5.59, 2.60
CIE _{LCh}	71, 6.168, 24.911
Yxy	41.5174, 0.3284, 0.3304
Android (android.graphics.Color)	4290357672 (0xFFB9A9A8)
YUV	173.6700, -2.7953, 9.9364
Hunter-Lab	64.4340, 1.5515, 5.6428

Details

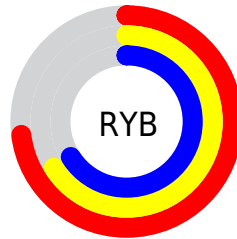
The XYZ color **41.2634, 41.5174, 42.8846** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0456, 46.1076, 52.5829**, and the grayscale version is **40.0742, 42.1611, 45.9135**.

A 20% lighter version of the original color is **76.2506, 77.3398, 80.7213**, and **19.0294, 18.8891, 19.1660** is the 20% darker color. If you saturate the color by 10%, you get **36.6355, 34.8261, 33.4352**, and if you desaturate by 10%, it is **46.5700, 49.1728, 53.7710**.

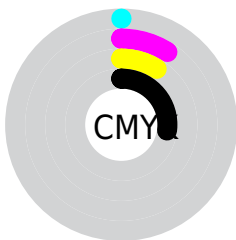
Distribution



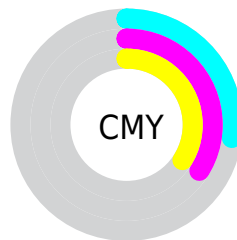
- Red (73%)
- Green (66%)
- Blue (66%)



- Red (73%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2634, 41.5174, 42.8846 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 41.2634, 41.5174, 42.8846 by changing the saturation by 10% instead.

■ 41.2634, 41.5174,
42.8846

■ 41.2634, 41.5174,
42.8846

342.4641,
352.4785, 374.0442

■ 28.7135, 28.7236,
29.4638

■ 76.3558, 77.4687,
80.8212

■ 19.0074, 18.8718,
19.1834

■ 99.6290, 101.3950,
106.1741

■ 11.7797, 11.5777,
11.6247

127.2074,
129.8009, 136.3415

■ 6.6650, 6.4568,
6.3693

159.4562,
163.0708, 171.7418

■ 3.2979, 3.1248,
2.9985

196.7410,
201.5891, 212.7938

■ 1.3132, 1.1972,
1.0939

239.4270,

■ 0.1931, 0.0594,

245.7402, 259.9158

0.0000

287.8796,
295.9086, 313.5264

0.0000, 0.0000,
0.0000

41.2634, 41.5174,
42.8846

41.2634, 41.5174,
42.8846

36.6355, 34.8261,
33.4352

46.5700, 49.1728,
53.7710

32.6557, 29.0555,
25.3602

52.5776, 57.8227,
66.1482

29.2961, 24.1669,
18.5965

59.3116, 67.5029,
80.0703

26.5254, 20.1170,
13.0748

66.7952, 78.2457,
95.5880

24.3096, 16.8585,
8.7196

73.8177, 89.0544,
107.9063

■ 22.6112, 14.3397,
5.4471

■ 21.3882, 12.5025,
3.1623

■ 20.5917, 11.2804,
1.7539

■ 20.1515, 10.5887,
1.0248

Harmonies

Analogous

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



41.4434, 41.5174, 45.7045



41.2634, 41.5174, 42.8846



40.5972, 41.5174, 40.7710

Triad

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



41.2634, 41.5174, 42.8846



37.8807, 41.5174, 42.0583



39.2877, 41.5174, 51.0232

Complementary

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



41.2634, 41.5174, 42.8846



42.0456, 46.1076, 52.5829

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.



38.3463, 41.5174, 49.9502



41.2634, 41.5174, 42.8846



37.5430, 41.5174, 44.7099

Square

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



41.2634, 41.5174, 42.8846



38.6421, 41.5174, 40.3085



37.7119, 41.5174, 47.6084



40.2914, 41.5174, 50.4836

Rectangle

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



41.2634, 41.5174, 42.8846



39.9729, 41.5174, 40.0051



37.7119, 41.5174, 47.6084



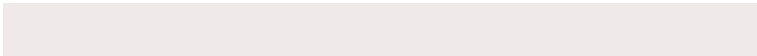
38.9536, 41.5174, 50.8379

Sweetspot

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



41.2646, 41.5192, 42.8855



79.5914, 82.5681, 88.4659



42.6781, 41.7871, 51.2466



16.9921, 17.5604, 18.7305



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.2646, 41.5192, 42.8855



72.1583, 71.8384, 73.2357



42.8673, 44.7246, 43.4197



9.0460, 9.0950, 9.3856



13.7230, 7.2224, 0.6708



0.4982, 0.2835, 0.0285

Inverse Universe

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



42.0456, 46.1076, 52.5829



73.8372, 81.7021, 94.0831



40.3627, 42.7417, 52.0219



9.2201, 10.1174, 11.5463



16.2984, 23.0564, 34.8444



0.5884, 0.8405, 1.2330

Previews

White Background



This preview shows how the XYZ color 41.2634, 41.5174, 42.8846 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 41.2634, 41.5174, 42.8846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

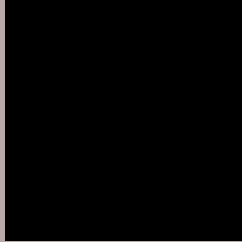
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2634, 41.5174, 42.8846

Background



This preview shows how black text looks on a background with the XYZ color 41.2634, 41.5174, 42.8846.



This preview shows how white text looks on a background with the XYZ color 41.2634, 41.5174,

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

41.2634, 41.5174, 42.8846

Protanopia

39.9127, 41.6374, 43.9634

Deuteranopia

42.3725, 41.5410, 42.8307



Tritanopia

42.5505, 41.4975, 48.9472

Trichromacy



Original Color

41.2634, 41.5174, 42.8846

Protanomaly

40.3147, 41.5741, 43.4359

Deuteranomaly

42.0568, 41.6512, 42.8686

Tritanomaly

42.0888, 41.5790, 46.8815

Monochromacy



Original Color

41.2634, 41.5174, 42.8846

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5590, 41.9486, 44.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2634, 41.5174, 42.8846 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(185, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 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(185, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.2634, 41.5174, 42.8846 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(185, 169, 168) }
```


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

```
.border{ border-color:rgb(185, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2634, 41.5174, 42.8846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 168) }
```

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

```
.background{ background-color: rgb(185,  
169, 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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