

Converting Colors

XYZ(42.0910, 43.4246, 52.7014)

Have a look what the booklet for
XYZ(42.0910, 43.4246, 52.7014)
contains.

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Color

**XYZ(42.0974, 43.4352,
52.6194)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AFBA
RGB	176, 175, 186
RGB Percent	69%, 69%, 73%
CMY	0.3098, 0.3137, 0.2706
CMYK	0.05, 0.06, 0.00, 0.27
HSL	245°, 7%, 71%
HSV	245°, 6%, 73%
XYZ	42.0974, 43.4352, 52.6194
YIQ	176.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

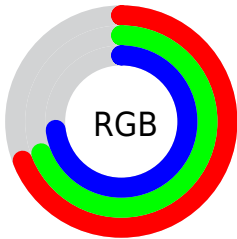
Format	Color
RYB	176, 175, 186
Decimal	11579322
CIELab	71.85, 2.47, -5.48
CIELCh	72, 6.016, 294.255
Yxy	43.4352, 0.3047, 0.3144
Android (android.graphics.Color)	4289769402 (0xFFB0AFBA)
YUV	176.5530, 4.6574, -0.4850
Hunter-Lab	65.9054, -1.3166, -1.2039

Details

The XYZ color **42.0974, 43.4352, 52.6194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3059, 48.5283, 47.5386**, and the grayscale version is **41.5342, 43.6972, 47.5862**.

A 20% lighter version of the original color is **77.6025, 80.1602, 95.3868**, and **19.6288, 20.1445, 25.0440** is the 20% darker color. If you saturate the color by 10%, you get **35.1351, 34.8379, 51.3276**, and if you desaturate by 10%, it is **50.0374, 53.2791, 54.1016**.

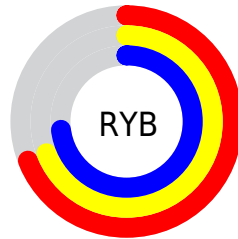
Distribution



Red (69%)

Green (69%)

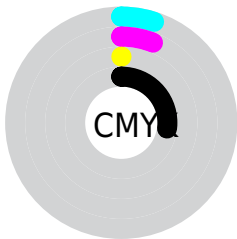
Blue (73%)



Red (69%)

Yellow (69%)

Blue (73%)

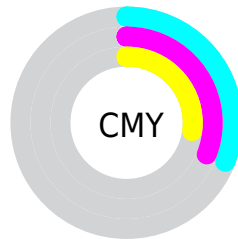


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0974, 43.4352, 52.6194 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 42.0974, 43.4352, 52.6194 by changing the saturation by 10% instead.

■ 42.0974, 43.4352,
52.6194

■ 42.0974, 43.4352,
52.6194

345.8713,
360.3985, 413.8480

■ 29.3690, 30.2267,
37.1134

■ 77.6113, 80.3672,
95.4799

■ 19.5058, 20.0107,
24.9988

101.1274,
104.8595, 123.6716

■ 12.1425, 12.4029,
15.8572

128.9702,
133.8818, 156.9288

■ 6.9137, 7.0187,
9.2699

161.5050,
167.8187, 195.6702

■ 3.4540, 3.4738,
4.8184

199.0972,
207.0544, 240.3142

■ 1.3982, 1.3838,
2.0842

242.1121,

■ 0.2549, 0.2047,

251.9733, 291.2795

0.6064

290.9150,
302.9599, 348.9846

■ 0.0000, 0.0000,
0.0000

■ 42.0974, 43.4352,
52.6194

■ 42.0974, 43.4352,
52.6194

■ 35.1351, 34.8379,
51.3276

■ 50.0374, 53.2791,
54.1016

■ 29.1089, 27.4323,
50.2158

■ 58.9869, 64.4108,
55.7786

■ 23.9800, 21.1672,
49.2768

■ 68.9811, 76.8764,
57.6579

■ 19.7053, 15.9859,
48.5020

■ 80.0521, 90.7182,
59.7462

■ 16.2381, 11.8267,
47.8819

■ 85.8630, 96.3252,
60.5222

■ 13.5275, 8.6218,
47.4062

■ 11.5163, 6.2949,
47.0631

■ 10.1394, 4.7583,
46.8390

■ 9.3171, 3.9018,
46.7171

Harmonies

Analogous

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



41.0872, 43.4352, 53.1247



42.0974, 43.4352, 52.6194



42.9015, 43.4352, 50.6624

Triad

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



42.0974, 43.4352, 52.6194



42.4440, 43.4352, 42.8659



39.3570, 43.4352, 46.7317

Complementary

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



42.0974, 43.4352, 52.6194



45.3059, 48.5283, 47.5386

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.



39.7074, 43.4352, 44.0775



42.0974, 43.4352, 52.6194



41.4811, 43.4352, 41.9055

Square

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



42.0974, 43.4352, 52.6194



43.1039, 43.4352, 45.0163



40.4809, 43.4352, 42.3398



39.5158, 43.4352, 49.6463

Rectangle

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



42.0974, 43.4352, 52.6194



43.2067, 43.4352, 48.8392



40.4809, 43.4352, 42.3398



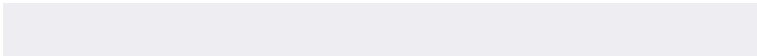
39.4189, 43.4352, 45.7808

Sweetspot

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



42.0987, 43.4370, 52.6204



81.6739, 85.3792, 96.3766



43.9099, 47.3930, 53.2885



18.0183, 18.8420, 21.2298



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.0987, 43.4370, 52.6204



74.6941, 76.7379, 95.0765



43.3483, 44.0813, 52.6788



8.8863, 9.1179, 11.3710



6.1455, 2.4793, 31.4077



0.2420, 0.1005, 1.1084

Inverse Universe

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



44.3381, 44.6037, 52.1735



79.5424, 79.2639, 94.1008



44.0236, 47.8673, 47.4786



9.4936, 9.4343, 11.2485



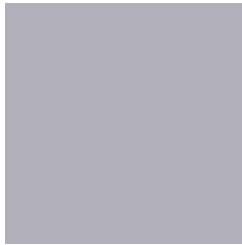
18.4640, 8.9594, 26.1280



0.6612, 0.3200, 0.9755

Previews

White Background



This preview shows how the XYZ color 42.0974, 43.4352, 52.6194 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 42.0974, 43.4352, 52.6194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

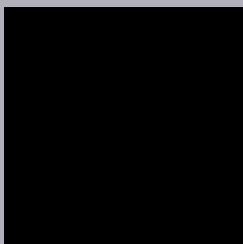
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

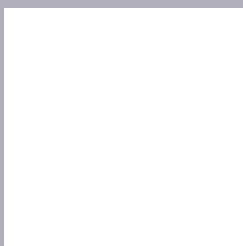
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0974, 43.4352, 52.6194

Background



This preview shows how black text looks on a background with the XYZ color 42.0974, 43.4352, 52.6194.



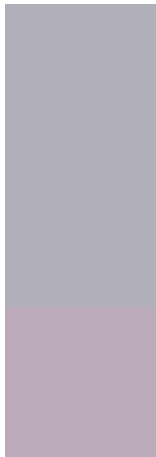
This preview shows how white text looks on a background with the XYZ color 42.0974, 43.4352,

52.6194.

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

42.0974, 43.4352, 52.6194

Protanopia

42.0974, 43.4352, 52.6194

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

42.3116, 43.5209, 53.7473

Trichromacy



Original Color

42.0974, 43.4352, 52.6194

Protanomaly

42.0974, 43.4352, 52.6194

Deuteranomaly

43.4893, 43.2833, 53.0761

Tritanomaly

42.2041, 43.4779, 53.1814

Monochromacy



Original Color

42.0974, 43.4352, 52.6194

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8950, 43.6931, 49.4055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0974, 43.4352, 52.6194 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(176, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 186)  
}
```

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(176, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.0974, 43.4352, 52.6194 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(176, 175, 186) }
```


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

```
.border{ border-color:rgb(176, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0974, 43.4352, 52.6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 186) }
```

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

```
.background{ background-color: rgb(176,  
175, 186) }
```

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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