

Converting Colors

XYZ(41.7110, 42.6624, 52.4906)

Have a look what the booklet for
XYZ(41.7110, 42.6624, 52.4906)
contains.

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Color

**XYZ(41.7110, 42.6624,
52.4906)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ADBA
RGB	176, 173, 186
RGB Percent	69%, 68%, 73%
CMY	0.3098, 0.3216, 0.2706
CMYK	0.05, 0.07, 0.00, 0.27
HSL	254°, 9%, 70%
HSV	254°, 7%, 73%
XYZ	41.7110, 42.6624, 52.4906
YIQ	175.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

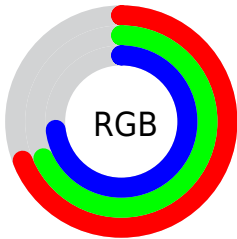
Format	Color
RYB	176, 173, 186
Decimal	11578810
CIELab	71.33, 3.56, -6.26
CIELCh	71, 7.202, 299.630
Yxy	42.6624, 0.3048, 0.3117
Android (android.graphics.Color)	4289768890 (0xFFB0ADBA)
YUV	175.3790, 5.2362, 0.5446
Hunter-Lab	65.3165, -0.3140, -1.9260

Details

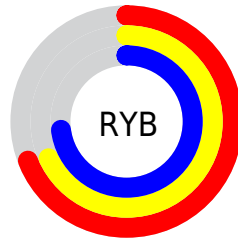
The XYZ color **41.7110, 42.6624, 52.4906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6317, 48.2033, 46.4891**, and the grayscale version is **40.9195, 43.0505, 46.8820**.

A 20% lighter version of the original color is **77.0491, 79.0534, 95.2023**, and **19.3832, 19.6533, 24.9622** is the 20% darker color. If you saturate the color by 10%, you get **35.3231, 34.4391, 51.2407**, and if you desaturate by 10%, it is **48.9391, 52.0583, 53.9239**.

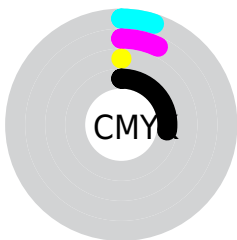
Distribution



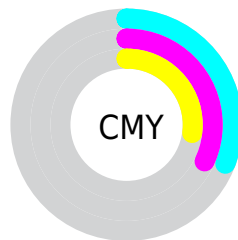
- Red (69%)
- Green (68%)
- Blue (73%)



- Red (69%)
- Yellow (68%)
- Blue (73%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7110, 42.6624, 52.4906 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 41.7110, 42.6624, 52.4906 by changing the saturation by 10% instead.

■ 41.7110, 42.6624,
52.4906

■ 41.7110, 42.6624,
52.4906

344.2956,
357.2215, 413.3384

■ 29.0652, 29.6203,
37.0113

■ 77.0300, 79.2012,
95.2883

■ 19.2747, 19.5506,
24.9204

100.4338,
103.4666, 123.4438

■ 11.9741, 12.0688,
15.7993

128.1544,
132.2420, 156.6619

■ 6.7981, 6.7905,
9.2294

160.5570,
165.9117, 195.3609

■ 3.3814, 3.3315,
4.7923

198.0071,
204.8601, 239.9596

■ 1.3585, 1.3071,
2.0693

240.8700,

■ 0.2264, 0.1467,

249.4716, 290.8763

0.5974

289.5110,
300.1306, 348.5298

■ 0.0000, 0.0000,
0.0000

■ 41.7110, 42.6624,
52.4906

■ 41.7110, 42.6624,
52.4906

■ 35.3231, 34.4391,
51.2407

■ 48.9391, 52.0583,
53.9239

■ 29.7406, 27.3366,
50.1640

■ 57.0329, 62.6649,
55.5446

■ 24.9321, 21.3076,
49.2537

■ 66.0215, 74.5253,
57.3601

■ 20.8622, 16.2989,
48.5014

■ 75.9314, 87.6791,
59.3767

■ 17.4932, 12.2531,
47.8981

■ 83.1764, 94.9402,
60.3964

■ 14.7834, 9.1066,
47.4336

■ 85.8630, 96.3252,
60.5222

■ 12.6867, 6.7882,
47.0966

■ 11.1504, 5.2155,
46.8740

■ 10.1057, 4.2761,
46.7477

Harmonies

Analogous

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



40.5343, 42.6624, 53.4418



41.7110, 42.6624, 52.4906



42.5908, 42.6624, 49.9044

Triad

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



41.7110, 42.6624, 52.4906



41.7375, 42.6624, 40.9349



38.2661, 42.6624, 46.4091

Complementary

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



41.7110, 42.6624, 52.4906



44.6317, 48.2033, 46.4891

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.



38.5741, 42.6624, 43.1628



41.7110, 42.6624, 52.4906



40.5643, 42.6624, 40.1001

Square

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



41.7110, 42.6624, 52.4906



42.6063, 42.6624, 43.2338



39.4094, 42.6624, 40.8954



38.5596, 42.6624, 49.8263

Rectangle

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



41.7110, 42.6624, 52.4906



42.8822, 42.6624, 47.6623



39.4094, 42.6624, 40.8954



38.3026, 42.6624, 45.2626

Sweetspot

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



41.7122, 42.6642, 52.4915



81.9017, 85.4967, 96.3872



43.0692, 46.3733, 53.1359



18.0660, 18.8666, 21.2320



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.



41.7122, 42.6642, 52.4915



74.2033, 75.5179, 94.8669



43.1741, 43.4179, 52.5600



8.7098, 8.8167, 11.3222



6.6859, 2.7579, 31.4330



0.2912, 0.1258, 1.1107

Inverse Universe

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



43.7419, 43.7470, 50.9403



78.4572, 77.7876, 91.5993



43.1625, 47.4459, 46.4203



9.2899, 9.1263, 10.8742



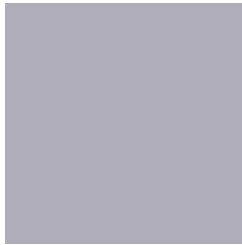
16.9939, 8.3713, 18.3865



0.6211, 0.3039, 0.7640

Previews

White Background



This preview shows how the XYZ color 41.7110, 42.6624, 52.4906 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 41.7110, 42.6624, 52.4906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

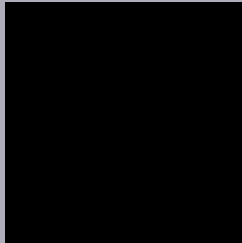
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7110, 42.6624, 52.4906

Background



This preview shows how black text looks on a background with the XYZ color 41.7110, 42.6624, 52.4906.



This preview shows how white text looks on a background with the XYZ color 41.7110, 42.6624,

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

41.7110, 42.6624, 52.4906

Protanopia

41.4545, 42.8159, 52.5338

Deuteranopia

43.5941, 42.7764, 52.9727



Tritanopia

41.8177, 42.7051, 53.0526

Trichromacy



Original Color

41.7110, 42.6624, 52.4906

Protanomaly

41.6782, 42.9312, 52.5443

Deuteranomaly

42.8240, 42.6588, 52.9906

Tritanomaly

41.8177, 42.7051, 53.0526

Monochromacy



Original Color

41.7110, 42.6624, 52.4906

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9519, 42.6407, 48.7199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7110, 42.6624, 52.4906 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, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 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, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.7110, 42.6624, 52.4906 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, 173, 186) }
```


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

```
.border{ border-color:rgb(176, 173, 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, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7110, 42.6624, 52.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 186) }
```

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

```
.background{ background-color: rgb(176,  
173, 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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