

Converting Colors

XYZ(42.3881, 40.5352, 52.0444)

Have a look what the booklet for
XYZ(42.3881, 40.5352, 52.0444)
contains.

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Color

**XYZ(42.3881, 40.5352,
52.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA4BA
RGB	186, 164, 186
RGB Percent	73%, 64%, 73%
CMY	0.2706, 0.3568, 0.2706
CMYK	0.00, 0.12, 0.00, 0.27
HSL	300°, 14%, 69%
HSV	300°, 12%, 73%
XYZ	42.3881, 40.5352, 52.0444
YIQ	173.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

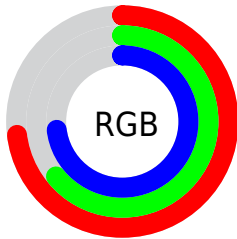
Format	Color
R _Y B	186, 164, 186
Decimal	12231866
CIE Lab	69.85, 11.97, -8.36
CIE LCh	70, 14.599, 325.067
Yxy	40.5352, 0.3141, 0.3003
Android (android.graphics.Color)	4290421946 (0xFFBAA4BA)
YUV	173.0860, 6.3666, 11.3256
Hunter-Lab	63.6673, 7.4232, -3.8992

Details

The XYZ color **42.3881, 40.5352, 52.0444** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5712, 45.6918, 41.8578**, and the grayscale version is **39.7317, 41.8009, 45.5212**.

A 20% lighter version of the original color is **77.9765, 75.9511, 94.5546**, and **19.7007, 18.2683, 24.6781** is the 20% darker color. If you saturate the color by 10%, you get **39.3003, 34.3590, 51.0156**, and if you desaturate by 10%, it is **45.9651, 47.6885, 53.2373**.

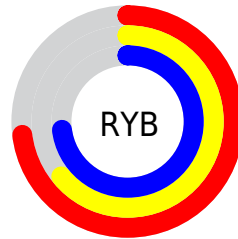
Distribution



Red (73%)

Green (64%)

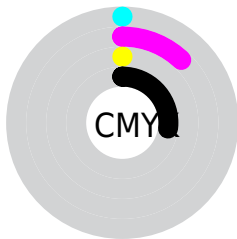
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

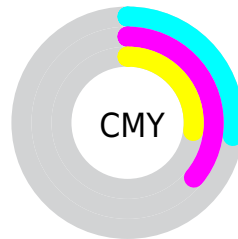


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3881, 40.5352, 52.0444 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 42.3881, 40.5352, 52.0444 by changing the saturation by 10% instead.

■ 42.3881, 40.5352,
52.0444

■ 42.3881, 40.5352,
52.0444

347.0536,
348.3742, 411.5698

■ 29.5977, 27.9561,
36.6580

■ 78.0481, 75.9778,
94.6240

■ 19.6800, 18.2926,
24.6491

■ 101.6485, 99.6101,
122.6542

■ 12.2696, 11.1602,
15.5992

129.5830,
127.6955, 155.7361

■ 7.0010, 6.1747,
9.0897

162.2169,
160.6186, 194.2882

■ 3.5091, 2.9516,
4.7021

199.9155,
198.7635, 238.7291

■ 1.4283, 1.1065,
2.0179

243.0443,

■ 0.2763, 0.0000,

242.5149, 289.4773

0.5663

291.9685,
292.2570, 346.9514

■ 0.0000, 0.0000,
0.0000

■ 42.3881, 40.5352,
52.0444

■ 42.3881, 40.5352,
52.0444

■ 39.3003, 34.3590,
51.0156

■ 45.9651, 47.6885,
53.2373

■ 36.6771, 29.1127,
50.1411

■ 50.0474, 55.8532,
54.5981

■ 34.4971, 24.7527,
49.4144

■ 54.6551, 65.0684,
56.1340

■ 32.7359, 21.2301,
48.8273

■ 59.8056, 75.3696,
57.8509

■ 31.3665, 18.4914,
48.3708

■ 64.8731, 85.5045,
59.5401

■ 30.3591, 16.4766,
48.0349

■ 64.8731, 85.5045,
59.5402

■ 29.6794, 15.1173,
47.8083

■ 64.8731, 85.5045,
59.5402

■ 29.2867, 14.3319,
47.6774

■ 64.8731, 85.5045,
59.5403

■ 29.1130, 13.9844,
47.6194

■ 64.8731, 85.5045,
59.5403

Harmonies

Analogous

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



40.4919, 40.5352, 57.0538



42.3881, 40.5352, 52.0444



43.2515, 40.5352, 45.2685

Triad

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



42.3881, 40.5352, 52.0444



38.9210, 40.5352, 32.3615



34.5428, 40.5352, 49.9034

Complementary

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



42.3881, 40.5352, 52.0444



39.5712, 45.6918, 41.8578

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.



34.1606, 40.5352, 43.0224



42.3881, 40.5352, 52.0444



36.6276, 40.5352, 33.3318

Square

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



42.3881, 40.5352, 52.0444



41.1981, 40.5352, 34.2719



34.9087, 40.5352, 37.0722



35.9749, 40.5352, 55.7315

Rectangle

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



42.3881, 40.5352, 52.0444



43.1006, 40.5352, 40.8275



34.9087, 40.5352, 37.0722



34.2899, 40.5352, 47.6185

Sweetspot

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



42.3893, 40.5370, 52.0453



81.7829, 83.3764, 95.9842



37.4500, 37.9907, 51.8142



17.8982, 18.1373, 21.1001



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.



42.3893, 40.5370, 52.0453



75.4060, 70.6226, 93.8585



41.2644, 40.0870, 46.1216



9.3810, 9.1628, 11.3536



19.5860, 9.4082, 32.0364



0.6905, 0.3317, 1.1294

Inverse Universe

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



42.3893, 40.5370, 52.0453



75.4060, 70.6226, 93.8585



40.6080, 46.1066, 47.3181



9.3810, 9.1628, 11.3536



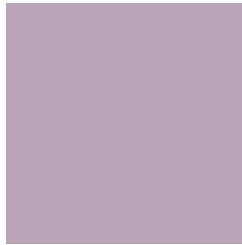
19.5860, 9.4082, 32.0364



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 42.3881, 40.5352, 52.0444 looks on a white background.

Color Contrast Check

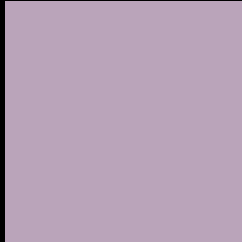
Large Text (above 18pt) WCAG AA × Fail

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 42.3881, 40.5352, 52.0444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

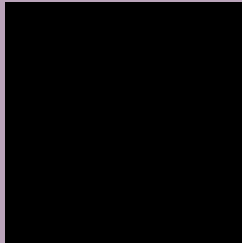
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3881, 40.5352, 52.0444

Background



This preview shows how black text looks on a background with the XYZ color 42.3881, 40.5352, 52.0444.



This preview shows how white text looks on a background with the XYZ color 42.3881, 40.5352,

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

42.3881, 40.5352, 52.0444

Protanopia

39.7085, 40.7484, 53.9165

Deuteranopia

41.5552, 40.6414, 52.1087



Tritanopia

41.4986, 40.4389, 47.7378

Trichromacy



Original Color

42.3881, 40.5352, 52.0444

Protanomaly

40.7589, 40.7501, 53.2943

Deuteranomaly

41.8465, 40.5227, 52.0705

Tritanomaly

41.8032, 40.5608, 49.3418

Monochromacy



Original Color

42.3881, 40.5352, 52.0444

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.7707, 41.4288, 47.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3881, 40.5352, 52.0444 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(186, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 164, 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(186, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 164, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.3881, 40.5352, 52.0444 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(186, 164, 186) }
```


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

```
.border{ border-color:rgb(186, 164, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 164, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 164, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 164, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 164,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3881, 40.5352, 52.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 164, 186) }
```

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

```
.background{ background-color: rgb(186,  
164, 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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