

Converting Colors

XYZ(42.0152, 41.0198, 45.7476)

Have a look what the booklet for
XYZ(42.0152, 41.0198, 45.7476)
contains.

XYZ(42.0152, 41.0198, 45.7476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0152, 41.0198,
45.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA6AE
RGB	188, 166, 174
RGB Percent	74%, 65%, 68%
CMY	0.2627, 0.3490, 0.3176
CMYK	0.00, 0.12, 0.07, 0.26
HSL	338°, 14%, 69%
HSV	338°, 12%, 74%
XYZ	42.0152, 41.0198, 45.7476
YIQ	173.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

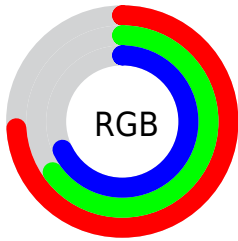
Format	Color
RYB	188, 166, 174
Decimal	12363438
CIELab	70.19, 9.38, -1.19
CIELCh	70, 9.452, 352.751
Yxy	41.0198, 0.3262, 0.3185
Android (android.graphics.Color)	4290553518 (0xFFBCA6AE)
YUV	173.4900, 0.2514, 12.7253
Hunter-Lab	64.0467, 5.0158, 2.4827

Details

The XYZ color **42.0152, 41.0198, 45.7476** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9489, 47.3697, 50.1145**, and the grayscale version is **39.9666, 42.0480, 45.7903**.

A 20% lighter version of the original color is **77.3075, 76.6031, 84.8401**, and **19.5218, 18.5907, 20.9718** is the 20% darker color. If you saturate the color by 10%, you get **37.7295, 34.2325, 38.8181**, and if you desaturate by 10%, it is **46.9067, 48.8515, 53.3928**.

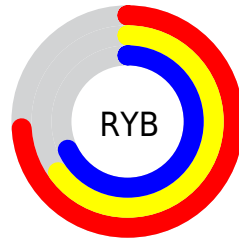
Distribution



Red (74%)

Green (65%)

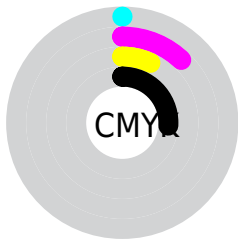
Blue (68%)



Red (74%)

Yellow (65%)

Blue (68%)

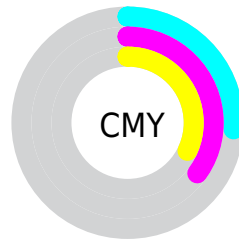


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0152, 41.0198, 45.7476 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 42.0152, 41.0198, 45.7476 by changing the saturation by 10% instead.


 42.0152, 41.0198,
45.7476


 42.0152, 41.0198,
45.7476


345.5365,
350.4034, 386.0410

 29.3044, 28.3346,
31.6995


 77.4876, 76.7140,
85.1714

 19.4566, 18.5780,
20.8691


 100.9800,
100.4916, 111.3842

 12.1066, 11.3658,
12.8381


128.7968,
128.7356, 142.4890

 6.8891, 6.3134,
7.1877

161.3035,
161.8303, 178.9042

 3.4385, 3.0366,
3.4996

198.8655,
200.1599, 221.0485

 1.3897, 1.1509,
1.3550

241.8481,

 0.2489, 0.0210,

244.1091, 269.3404

0.1063

290.6166,
294.0621, 324.1984

■ 0.0000, 0.0000,
0.0000

■ 42.0152, 41.0198,
45.7476

■ 42.0152, 41.0198,
45.7476

■ 37.7295, 34.2325,
38.8181

■ 46.9067, 48.8515,
53.3928

■ 34.0219, 28.4398,
32.5802

■ 52.4234, 57.7636,
61.7714

■ 30.8676, 23.5962,
27.0123

■ 58.5882, 67.7973,
70.9040

■ 28.2385, 19.6502,
22.0905

■ 65.4216, 78.9900,
80.8093

■ 26.1041, 16.5456,
17.7895

■ 71.3258, 88.1421,
90.9663

■ 24.4303, 14.2198,
14.0819

■ 73.1021, 88.8526,
100.3200

■ 23.1787, 12.6011,
10.9379

■ 74.5492, 89.4315,
107.9406

■ 22.3038, 11.6045,
8.3245

■ 21.7932, 11.1131,
6.5209

Harmonies

Analogous

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



41.4051, 41.0198, 50.0231



42.0152, 41.0198, 45.7476



41.7972, 41.0198, 41.4482

Triad

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



42.0152, 41.0198, 45.7476



37.8486, 41.0198, 37.2563



37.2145, 41.0198, 51.7968

Complementary

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



42.0152, 41.0198, 45.7476



41.9489, 47.3697, 50.1145

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.



36.3077, 41.0198, 48.0412



42.0152, 41.0198, 45.7476



36.6670, 41.0198, 39.7012

Square

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



42.0152, 41.0198, 45.7476



39.3648, 41.0198, 36.7315



36.1100, 41.0198, 43.5968



38.6138, 41.0198, 53.6625

Rectangle

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



42.0152, 41.0198, 45.7476



41.2143, 41.0198, 39.1247



36.1100, 41.0198, 43.5968



36.8435, 41.0198, 50.7021

Sweetspot

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



42.0164, 41.0216, 45.7485



82.8133, 85.0042, 93.3698



41.5216, 40.6005, 53.2256



17.6606, 18.0423, 19.8490



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.



42.0164, 41.0216, 45.7485



74.0812, 71.0579, 79.6142



41.7989, 41.7974, 41.9433



9.6697, 9.5922, 10.6495



14.8707, 7.5794, 4.6127



0.6142, 0.3096, 0.3478

Inverse Universe

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



42.0164, 41.0216, 45.7485



74.0812, 71.0579, 79.6142



42.1672, 46.4647, 54.3235



9.6697, 9.5922, 10.6495



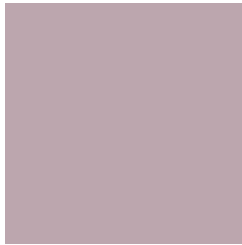
14.8707, 7.5794, 4.6127



0.6142, 0.3096, 0.3478

Previews

White Background



This preview shows how the XYZ color 42.0152, 41.0198, 45.7476 looks on a white background.

Color Contrast Check

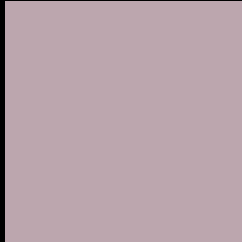
Large Text (above 18pt) WCAG AA × Fail

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 42.0152, 41.0198, 45.7476 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 42.0152, 41.0198, 45.7476

Background



This preview shows how black text looks on a background with the XYZ color 42.0152, 41.0198, 45.7476.



This preview shows how white text looks on a background with the XYZ color 42.0152, 41.0198,

45.7476.

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

42.0152, 41.0198, 45.7476

Protanopia

39.7323, 41.1844, 47.4502

Deuteranopia

41.7697, 40.8932, 45.7361



Tritanopia

42.4773, 40.9434, 47.7836

Trichromacy



Original Color

42.0152, 41.0198, 45.7476

Protanomaly

40.3845, 40.9755, 46.8549

Deuteranomaly

41.7697, 40.8932, 45.7361

Tritanomaly

42.3772, 40.9034, 47.2566

Monochromacy



Original Color

42.0152, 41.0198, 45.7476

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2776, 41.2316, 45.3708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0152, 41.0198, 45.7476 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(188, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 174)  
}
```

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(188, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.0152, 41.0198, 45.7476 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(188, 166, 174) }
```


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

```
.border{ border-color:rgb(188, 166, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0152, 41.0198, 45.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 174) }
```

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

```
.background{ background-color: rgb(188,  
166, 174) }
```

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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