

Converting Colors

XYZ(42.6783, 42.1875, 48.3398)

Have a look what the booklet for
XYZ(42.6783, 42.1875, 48.3398)
contains.

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Color

**XYZ(42.5744, 42.0697,
48.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B3
RGB	186, 169, 179
RGB Percent	73%, 66%, 70%
CMY	0.2706, 0.3372, 0.2980
CMYK	0.00, 0.09, 0.04, 0.27
HSL	325°, 11%, 70%
HSV	325°, 9%, 73%
XYZ	42.5744, 42.0697, 48.5242
YIQ	175.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

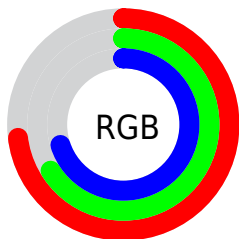
Format	Color
RYB	186, 169, 179
Decimal	12233139
CIELab	70.92, 7.92, -2.91
CIElCh	71, 8.432, 339.836
Yxy	42.0697, 0.3197, 0.3159
Android (android.graphics.Color)	4290423219 (0xFFBAA9B3)
YUV	175.2230, 1.8621, 9.4514
Hunter-Lab	64.8612, 3.6591, 1.0465

Details

The XYZ color **42.5744, 42.0697, 48.5242** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7592, 46.6886, 47.8875**, and the grayscale version is **40.8522, 42.9797, 46.8049**.

A 20% lighter version of the original color is **78.2690, 78.1867, 89.5636**, and **19.8001, 19.2155, 22.4040** is the 20% darker color. If you saturate the color by 10%, you get **38.6042, 35.3345, 43.4842**, and if you desaturate by 10%, it is **47.0823, 49.8103, 53.9568**.

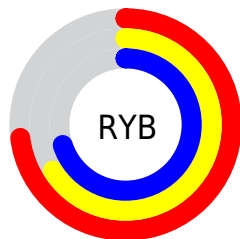
Distribution



Red (73%)

Green (66%)

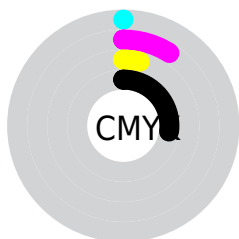
Blue (70%)



Red (73%)

Yellow (66%)

Blue (70%)

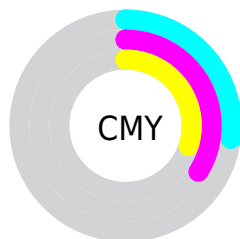


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5744, 42.0697, 48.5242 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 42.5744, 42.0697, 48.5242 by changing the saturation by 10% instead.

■ 42.5744, 42.0697,
48.5242

■ 42.5744, 42.0697,
48.5242

347.8098,
354.7718, 397.4347

■ 29.7444, 29.1559,
33.8793

■ 78.3279, 78.3051,
89.3580

■ 19.7918, 19.1988,
22.5242

101.9822,
102.3955, 116.3840

■ 12.3512, 11.8140,
14.0406

129.9752,
130.9801, 148.3741

■ 7.0572, 6.6171,
8.0099

162.6724,
164.4435, 185.7468

■ 3.5445, 3.2238,
4.0134

200.4391,
203.1699, 228.9206

■ 1.4478, 1.2497,
1.6327

243.6407,

■ 0.2899, 0.1017,

247.5439, 278.3142

0.3140

292.6425,
297.9497, 334.3460

■ 0.0000, 0.0000,
0.0000

■ 42.5744, 42.0697,
48.5242

■ 42.5744, 42.0697,
48.5242

■ 38.6042, 35.3345,
43.4842

■ 47.0823, 49.8103,
53.9568

■ 35.1468, 29.5575,
38.8236

■ 52.1444, 58.5900,
59.7894

■ 32.1804, 24.6961,
34.5321

■ 57.7811, 68.4476,
66.0325

■ 29.6805, 20.7020,
30.5980

■ 64.0103, 79.4184,
72.6952

■ 27.6201, 17.5228,
27.0087

■ 68.5739, 86.9848,
79.0281

■ 25.9695, 15.1001,
23.7503

■ 69.5957, 87.3935,
84.4086

■ 24.6950, 13.3678,
20.8077

■ 70.6643, 87.8210,
90.0361

■ 23.7571, 12.2481,
18.1638

■ 71.7805, 88.2675,
95.9137

■ 23.0851, 11.6011,
15.7909

■ 72.9447, 88.7331,
102.0445

Harmonies

Analogous

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



41.7406, 42.0697, 52.0046



42.5744, 42.0697, 48.5242



42.7057, 42.0697, 44.4984

Triad

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



42.5744, 42.0697, 48.5242



39.5265, 42.0697, 38.6025



37.9484, 42.0697, 50.9409

Complementary

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



42.5744, 42.0697, 48.5242



41.7592, 46.6886, 47.8875

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.



37.3843, 42.0697, 47.1405



42.5744, 42.0697, 48.5242



38.2812, 42.0697, 40.1220

Square

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



42.5744, 42.0697, 48.5242



40.9239, 42.0697, 38.9248



37.5047, 42.0697, 43.1927



39.0625, 42.0697, 53.4555

Rectangle

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



42.5744, 42.0697, 48.5242



42.3741, 42.0697, 42.0663



37.5047, 42.0697, 43.1927



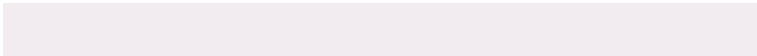
37.6893, 42.0697, 49.7626

Sweetspot

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



42.5756, 42.0715, 48.5251



82.0251, 84.5753, 93.8620



40.9118, 41.1299, 52.2377



17.9165, 18.3726, 20.4936



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.



42.5756, 42.0715, 48.5251



75.6207, 73.6149, 86.0288



41.7613, 41.7458, 44.2370



9.2202, 9.0984, 10.5069



15.5328, 7.7869, 10.6925



0.5775, 0.2865, 0.5348

Inverse Universe

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



42.5756, 42.0715, 48.5251



75.6207, 73.6149, 86.0288



42.6057, 47.0272, 52.3450



9.2202, 9.0984, 10.5069



15.5328, 7.7869, 10.6925



0.5775, 0.2865, 0.5348

Previews

White Background



This preview shows how the XYZ color 42.5744, 42.0697, 48.5242 looks on a white background.

Color Contrast Check

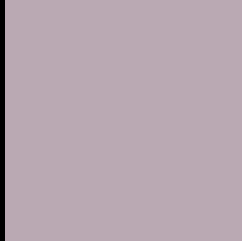
Large Text (above 18pt) WCAG AA × Fail

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 42.5744, 42.0697, 48.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

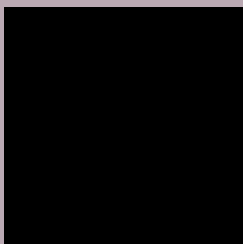
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5744, 42.0697, 48.5242

Background



This preview shows how black text looks on a background with the XYZ color 42.5744, 42.0697, 48.5242.



This preview shows how white text looks on a background with the XYZ color 42.5744, 42.0697,

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

42.5744, 42.0697, 48.5242

Protanopia

40.7396, 42.2220, 49.7185

Deuteranopia

42.8784, 41.9513, 48.4853



Tritanopia

42.8812, 42.1924, 50.1398

Trichromacy



Original Color

42.5744, 42.0697, 48.5242

Protanomaly

41.3508, 42.2653, 49.1586

Deuteranomaly

42.6328, 41.8247, 48.4738

Tritanomaly

42.7782, 42.1512, 49.5974

Monochromacy



Original Color

42.5744, 42.0697, 48.5242

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3704, 42.6054, 47.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5744, 42.0697, 48.5242 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, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 179)  
}
```

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, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.5744, 42.0697, 48.5242 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, 169, 179) }
```


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

```
.border{ border-color:rgb(186, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5744, 42.0697, 48.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 179) }
```

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

```
.background{ background-color: rgb(186,  
169, 179) }
```

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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