

Converting Colors

XYZ(42.5002, 40.6626, 48.7911)

Have a look what the booklet for
XYZ(42.5002, 40.6626, 48.7911)
contains.

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Color

**XYZ(42.4999, 40.6650,
48.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA4B4
RGB	189, 164, 180
RGB Percent	74%, 64%, 71%
CMY	0.2588, 0.3568, 0.2941
CMYK	0.00, 0.13, 0.05, 0.26
HSL	322°, 16%, 69%
HSV	322°, 13%, 74%
XYZ	42.4999, 40.6650, 48.7892
YIQ	173.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

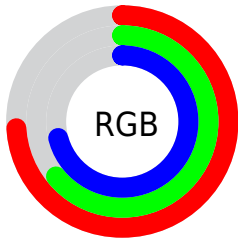
Format	Color
R_{YB}	189, 164, 180
Decimal	12428468
CIE _{Lab}	69.94, 11.91, -4.87
CIE _{LCh}	70, 12.867, 337.755
Yxy	40.6650, 0.3221, 0.3082
Android (android.graphics.Color)	4290618548 (0xFFBDA4B4)
YUV	173.2990, 3.3036, 13.7698
Hunter-Lab	63.7691, 7.3681, -0.7239

Details

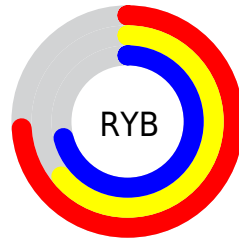
The XYZ color **42.4999, 40.6650, 48.7892** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0518, 47.3058, 46.5045**, and the grayscale version is **39.8542, 41.9297, 45.6614**.

A 20% lighter version of the original color is **78.1280, 76.1316, 89.9340**, and **19.7783, 18.3549, 22.5791** is the 20% darker color. If you saturate the color by 10%, you get **38.6897, 34.1264, 44.1828**, and if you desaturate by 10%, it is **46.8492, 48.2261, 53.7442**.

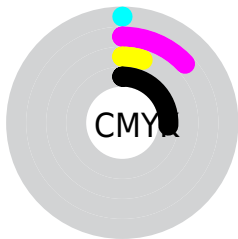
Distribution



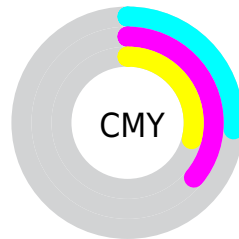
- Red (74%)
- Green (64%)
- Blue (71%)



- Red (74%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4999, 40.6650, 48.7892 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 42.4999, 40.6650, 48.7892 by changing the saturation by 10% instead.

■ 42.4999, 40.6650,
48.7892

■ 42.4999, 40.6650,
48.7892

347.5075,
348.9185, 398.5104

■ 29.6857, 28.0574,
34.0879

■ 78.2161, 76.1751,
89.7560

■ 19.7471, 18.3689,
22.6832

■ 101.8488, 99.8464,
116.8586

■ 12.3185, 11.2152,
14.1567

129.8184,
127.9744, 148.9320

■ 7.0347, 6.2118,
8.0897

162.4903,
160.9435, 186.3948

■ 3.5304, 2.9743,
4.0638

200.2298,
199.1380, 229.6655

■ 1.4400, 1.1183,
1.6604

243.4023,

■ 0.2845, 0.0000,

242.9425, 279.1626

0.3334

292.3731,
292.7412, 335.3048

■ 0.0000, 0.0000,
0.0000

■ 42.4999, 40.6650,
48.7892

■ 42.4999, 40.6650,
48.7892

■ 38.6897, 34.1264,
44.1828

■ 46.8492, 48.2261,
53.7442

■ 35.3924, 28.5605,
39.9124

■ 51.7551, 56.8459,
59.0546

■ 32.5850, 23.9215,
35.9684

■ 57.2390, 66.5656,
64.7301

■ 30.2413, 20.1576,
32.3396

■ 63.3198, 77.4224,
70.7795

■ 28.3323, 17.2121,
29.0139

■ 68.8873, 87.1952,
76.8347

■ 26.8259, 15.0212,
25.9778

■ 69.7749, 87.5503,
81.5091

■ 25.6851, 13.5121,
23.2163

■ 70.6994, 87.9201,
86.3771

■ 24.8657, 12.5969,
20.7120

■ 71.6610, 88.3047,
91.4408

■ 24.4348, 12.1983,
19.1408

■ 72.6602, 88.7044,
96.7024

Harmonies

Analogous

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



41.1698, 40.6650, 54.0377



42.4999, 40.6650, 48.7892



42.7806, 40.6650, 42.7390

Triad

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



42.4999, 40.6650, 48.7892



38.1099, 40.6650, 33.8031



35.5531, 40.6650, 51.7221

Complementary

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



42.4999, 40.6650, 48.7892



41.0518, 47.3058, 46.5045

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.



34.7958, 40.6650, 45.8520



42.4999, 40.6650, 48.7892



36.2369, 40.6650, 35.7691

Square

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



42.4999, 40.6650, 48.7892



40.1958, 40.6650, 34.4360



35.0415, 40.6650, 40.0525



37.1461, 40.6650, 55.8348

Rectangle

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



42.4999, 40.6650, 48.7892



42.3258, 40.6650, 39.1199



35.0415, 40.6650, 40.0525



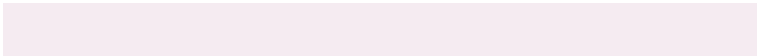
35.1950, 40.6650, 49.8691

Sweetspot

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



42.5011, 40.6668, 48.7901



83.2153, 85.1651, 95.4868



39.6407, 39.0828, 53.5990



17.7626, 18.0831, 20.3861



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.



42.5011, 40.6668, 48.7901



73.9504, 69.0946, 84.8168



41.3077, 40.1894, 42.5059



9.7802, 9.6364, 11.2314



16.4779, 8.2223, 13.0762



0.6757, 0.3342, 0.6714

Inverse Universe

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



42.5011, 40.6668, 48.7901



73.9504, 69.0946, 84.8168



42.2921, 47.8020, 53.0359



9.7802, 9.6364, 11.2314



16.4779, 8.2223, 13.0762



0.6757, 0.3342, 0.6714

Previews

White Background



This preview shows how the XYZ color 42.4999, 40.6650, 48.7892 looks on a white background.

Color Contrast Check

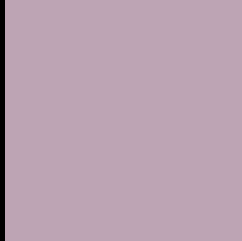
Large Text (above 18pt) WCAG AA × Fail

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 42.4999, 40.6650, 48.7892 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 42.4999, 40.6650, 48.7892

Background



This preview shows how black text looks on a background with the XYZ color 42.4999, 40.6650, 48.7892.



This preview shows how white text looks on a background with the XYZ color 42.4999, 40.6650,

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

42.4999, 40.6650, 48.7892

Protanopia

39.6040, 40.7562, 51.1268

Deuteranopia

41.6416, 40.7581, 48.8524



Tritanopia

42.1975, 40.5441, 47.1967

Trichromacy



Original Color

42.4999, 40.6650, 48.7892

Protanomaly

40.6813, 40.7713, 50.5253

Deuteranomaly

41.9431, 40.6447, 48.8146

Tritanomaly

42.2976, 40.5841, 47.7237

Monochromacy



Original Color

42.4999, 40.6650, 48.7892

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8016, 41.4677, 46.9279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4999, 40.6650, 48.7892 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(189, 164, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 180)  
}
```

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(189, 164, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.4999, 40.6650, 48.7892 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(189, 164, 180) }
```


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

```
.border{ border-color:rgb(189, 164, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 164, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4999, 40.6650, 48.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 180) }
```

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

```
.background{ background-color: rgb(189,  
164, 180) }
```

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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