

Converting Colors

XYZ(42.9845, 41.4438, 49.8991)

Have a look what the booklet for
XYZ(42.9845, 41.4438, 49.8991)
contains.

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Color

**XYZ(43.0660, 41.4687,
49.9904)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BDA6B6 |
| RGB | 189, 166, 182 |
| RGB Percent | 74%, 65%, 71% |
| CMY | 0.2588, 0.3490, 0.2863 |
| CMYK | 0.00, 0.12, 0.04, 0.26 |
| HSL | 318°, 15%, 70% |
| HSV | 318°, 12%, 74% |
| XYZ | 43.0660, 41.4687, 49.9904 |
| YIQ | 174.7010, 8.5720, 9.8520 |

Conversions

Conversions Part 2

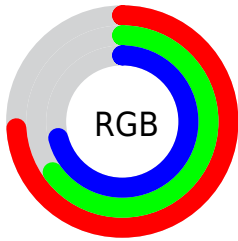
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 189, 166, 182 |
| Decimal | 12428982 |
| CIELab | 70.50, 11.18, -5.15 |
| CIELCh | 71, 12.304, 335.270 |
| Yxy | 41.4687, 0.3201, 0.3083 |
| Android (android.graphics.Color) | 4290619062 (0xFFBDA6B6) |
| YUV | 174.7010, 3.5984, 12.5402 |
| Hunter-Lab | 64.3962, 6.6814, -0.9492 |

Details

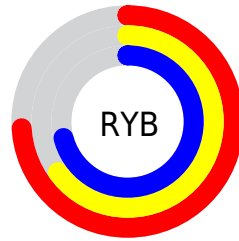
The XYZ color **43.0660, 41.4687, 49.9904** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4679, 47.5205, 46.5243**, and the grayscale version is **40.5730, 42.6859, 46.4850**.

A 20% lighter version of the original color is **78.9453, 77.2984, 91.6481**, and **20.1331, 18.8538, 23.3469** is the 20% darker color. If you saturate the color by 10%, you get **39.2976, 34.8633, 45.8612**, and if you desaturate by 10%, it is **47.3662, 49.0973, 54.4184**.

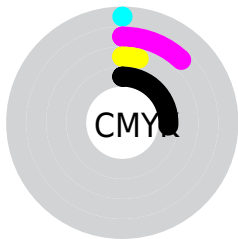
Distribution



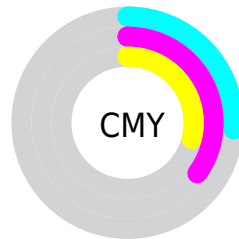
- Red (74%)
- Green (65%)
- Blue (71%)



- Red (74%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (26%)





- Cyan (26%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0660, 41.4687, 49.9904 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 43.0660, 41.4687, 49.9904 by changing the saturation by 10% instead.


 43.0660, 41.4687,
49.9904


 43.0660, 41.4687,
49.9904


349.8000,
352.2757, 403.3624

 30.1316, 28.6855,
35.0346


 79.0655, 77.3949,
91.5568

 20.0871, 18.8430,
23.4058


 102.8614,
101.3067, 119.0045

 12.5670, 11.5569,
14.6853


131.0086,
129.6968, 151.4534

 7.2060, 6.4427,
8.4547

163.8723,
162.9496, 189.3218

 3.6387, 3.1161,
4.2953

201.8179,
201.4495, 233.0283

 1.4999, 1.1927,
1.7887

245.2109,

 0.3257, 0.0557,

245.5809, 282.9916

0.4205

294.4164,
295.7282, 339.6301

■ 0.0000, 0.0000,
0.0000

■ 43.0660, 41.4687,
49.9904

■ 43.0660, 41.4687,
49.9904

■ 39.2976, 34.8633,
45.8612

■ 47.3662, 49.0973,
54.4184

■ 36.0350, 29.2317,
42.0192

■ 52.2154, 57.7849,
59.1508

■ 33.2557, 24.5285,
38.4560

■ 57.6345, 67.5724,
64.1965

■ 30.9339, 20.7025,
35.1614

■ 63.6423, 78.4968,
69.5632

■ 29.0412, 17.6975,
32.1245

■ 68.4751, 87.0304,
74.6641

■ 27.5461, 15.4510,
29.3333

■ 69.2085, 87.3237,
78.5259

■ 26.4123, 13.8910,
26.7740

■ 69.9679, 87.6275,
82.5250

■ 25.5969, 12.9320,
24.4309

■ 70.7537, 87.9418,
86.6628

■ 25.1152, 12.4704,
22.7236

■ 71.5660, 88.2668,
90.9406

Harmonies

Analogous

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



41.7110, 41.4687, 54.9040



43.0660, 41.4687, 49.9904



43.4291, 41.4687, 44.1338

Triad

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



43.0660, 41.4687, 49.9904



39.0575, 41.4687, 34.9141



36.3142, 41.4687, 51.9170

Complementary

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



43.0660, 41.4687, 49.9904



41.4679, 47.5205, 46.5243

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.



35.6557, 41.4687, 46.1865



43.0660, 41.4687, 49.9904



37.2044, 41.4687, 36.6297

Square

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



43.0660, 41.4687, 49.9904



41.0697, 41.4687, 35.7442



35.9759, 41.4687, 40.6370



37.8049, 41.4687, 56.0815

Rectangle

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



43.0660, 41.4687, 49.9904



43.0495, 41.4687, 40.5482



35.9759, 41.4687, 40.6370



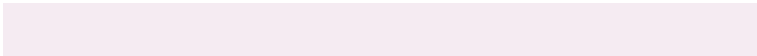
35.9906, 41.4687, 50.0925

Sweetspot

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



43.0672, 41.4705, 49.9913



83.2970, 85.1977, 95.9168



40.0347, 39.8215, 53.7210



17.7834, 18.0914, 20.4954



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.



43.0672, 41.4705, 49.9913



74.9589, 70.4461, 87.2047



41.9366, 41.0183, 44.0374



9.8029, 9.6455, 11.3511



16.9334, 8.4045, 15.4746



0.6911, 0.3403, 0.7527

Inverse Universe

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



43.0672, 41.4705, 49.9913



74.9589, 70.4461, 87.2047



42.6186, 47.9807, 52.5835



9.8029, 9.6455, 11.3511



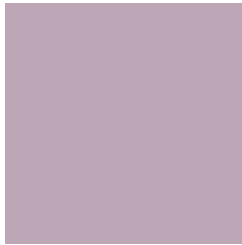
16.9334, 8.4045, 15.4746



0.6911, 0.3403, 0.7527

Previews

White Background



This preview shows how the XYZ color 43.0660, 41.4687, 49.9904 looks on a white background.

Color Contrast Check

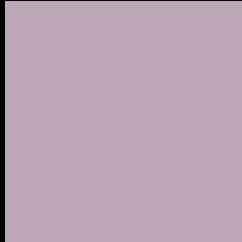
Large Text (above 18pt) WCAG AA × Fail

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 43.0660, 41.4687, 49.9904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

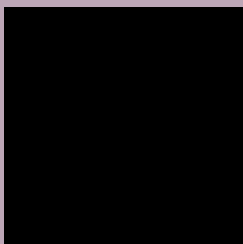
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0660, 41.4687, 49.9904

Background



This preview shows how black text looks on a background with the XYZ color 43.0660, 41.4687, 49.9904.



This preview shows how white text looks on a background with the XYZ color 43.0660, 41.4687,

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

43.0660, 41.4687, 49.9904

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.2698, 41.3291, 50.0054



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

43.0660, 41.4687, 49.9904

Protanomaly

41.1998, 41.3016, 51.1479

Deuteranomaly

42.5119, 41.4539, 50.0168

Tritanomaly

42.8607, 41.3865, 48.9094

Monochromacy



Original Color

43.0660, 41.4687, 49.9904

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6108, 42.4227, 48.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0660, 41.4687, 49.9904 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, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 182)  
}
```

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, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.0660, 41.4687, 49.9904 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, 166, 182) }
```


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

```
.border{ border-color:rgb(189, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0660, 41.4687, 49.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 182) }
```

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

```
.background{ background-color: rgb(189,  
166, 182) }
```

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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