

Converting Colors

XYZ(42.6587, 41.8925, 46.0362)

Have a look what the booklet for
XYZ(42.6587, 41.8925, 46.0362)
contains.

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Color

**XYZ(42.6289, 41.8801,
45.8813)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BDA8AE |
| RGB | 189, 168, 174 |
| RGB Percent | 74%, 66%, 68% |
| CMY | 0.2588, 0.3412, 0.3176 |
| CMYK | 0.00, 0.11, 0.08, 0.26 |
| HSL | 343°, 14%, 70% |
| HSV | 343°, 11%, 74% |
| XYZ | 42.6289, 41.8801, 45.8813 |
| YIQ | 174.9630, 10.5900, 6.3180 |

Conversions

Conversions Part 2

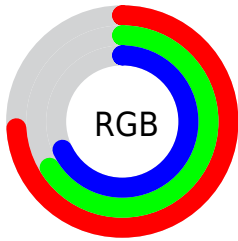
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 168, 174 |
| Decimal | 12429486 |
| CIE Lab | 70.79, 8.64, -0.31 |
| CIE LCh | 71, 8.648, 357.967 |
| Yxy | 41.8801, 0.3269, 0.3212 |
| Android (android.graphics.Color) | 4290619566 (0xFFBDA8AE) |
| YUV | 174.9630, -0.4748, 12.3104 |
| Hunter-Lab | 64.7148, 4.3304, 3.2652 |

Details

The XYZ color **42.6289, 41.8801, 45.8813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8949, 48.1400, 51.8333**, and the grayscale version is **40.7280, 42.8490, 46.6625**.

A 20% lighter version of the original color is **78.1867, 77.8450, 85.0334**, and **19.9116, 19.1302, 21.0554** is the 20% darker color. If you saturate the color by 10%, you get **38.1394, 34.9025, 38.2137**, and if you desaturate by 10%, it is **47.7603, 49.9286, 54.4167**.

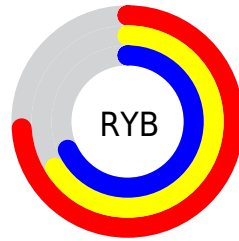
Distribution



Red (74%)

Green (66%)

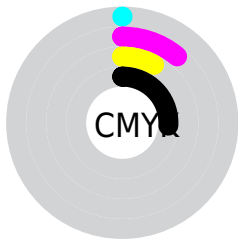
Blue (68%)



Red (74%)

Yellow (66%)

Blue (68%)

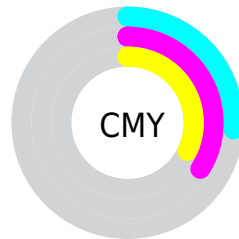


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6289, 41.8801, 45.8813 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 42.6289, 41.8801, 45.8813 by changing the saturation by 10% instead.


 42.6289, 41.8801,
45.8813


 42.6289, 41.8801,
45.8813


348.0308,
353.9857, 386.5949

 29.7873, 29.0074,
31.8042


 78.4098, 78.0181,
85.3737

 19.8245, 19.0864,
20.9484


 102.0798,
102.0523, 111.6261

 12.3750, 11.7327,
12.8954

130.0899,
130.5757, 142.7740

 7.0736, 6.5620,
7.2267

162.8056,
163.9728, 179.2360

 3.5549, 3.1897,
3.5237

200.5922,
202.6279, 221.4305

 1.4536, 1.2316,
1.3679

243.8150,

 0.2939, 0.0873,

246.9255, 269.7761

0.1165

292.8394,
297.2500, 324.6914

■ 0.0000, 0.0000,
0.0000

■ 42.6289, 41.8801,
45.8813

■ 42.6289, 41.8801,
45.8813

■ 38.1394, 34.9025,
38.2137

■ 47.7603, 49.9286,
54.4167

■ 34.2626, 28.9451,
31.3836

■ 53.5541, 59.0849,
63.8437

■ 30.9721, 23.9615,
25.3625

■ 60.0346, 69.3910,
74.1885

■ 28.2385, 19.8993,
20.1195

■ 67.2234, 80.8848,
85.4753

■ 26.0294, 16.7014,
15.6215

■ 72.7003, 88.7205,
96.9138

■ 24.3092, 14.3040,
11.8329

■ 74.7965, 89.5589,
107.9522

■ 23.0375, 12.6345,
8.7147

■ 22.1668, 11.6069,
6.2238

■ 21.6519, 11.0851,
4.4859

Harmonies

Analogous

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



42.1923, 41.8801, 49.9236



42.6289, 41.8801, 45.8813



42.2941, 41.8801, 41.9921

Triad

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



42.6289, 41.8801, 45.8813



38.5251, 41.8801, 38.9678



38.3594, 41.8801, 52.6365

Complementary

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



42.6289, 41.8801, 45.8813



42.8949, 48.1400, 51.8333

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.



37.4170, 41.8801, 49.4095



42.6289, 41.8801, 45.8813



37.5110, 41.8801, 41.5341

Square

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



42.6289, 41.8801, 45.8813



39.9038, 41.8801, 38.1466



37.1101, 41.8801, 45.3205



39.7079, 41.8801, 53.9667

Rectangle

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



42.6289, 41.8801, 45.8813



41.6829, 41.8801, 39.9763



37.1101, 41.8801, 45.3205



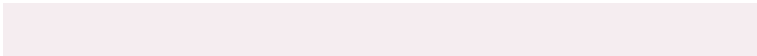
37.9859, 41.8801, 51.7285

Sweetspot

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



42.6301, 41.8819, 45.8822



83.6647, 86.4741, 94.3723



42.6465, 41.7119, 53.9481



17.8269, 18.3367, 20.0218



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.



42.6301, 41.8819, 45.8822



74.5682, 72.2304, 79.1646



42.8462, 43.2290, 43.1338



9.6392, 9.5800, 10.4891



14.5969, 7.4699, 3.1707



0.6010, 0.3043, 0.2780

Inverse Universe

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



42.6301, 41.8819, 45.8822



74.5682, 72.2304, 79.1646



42.6423, 46.6145, 54.8947



9.6392, 9.5800, 10.4891



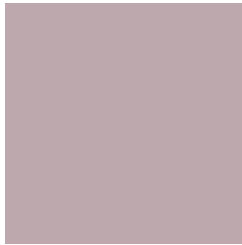
14.5969, 7.4699, 3.1707



0.6010, 0.3043, 0.2780

Previews

White Background



This preview shows how the XYZ color 42.6289, 41.8801, 45.8813 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 42.6289, 41.8801, 45.8813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

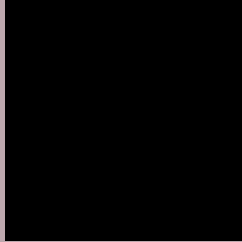
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6289, 41.8801, 45.8813

Background



This preview shows how black text looks on a background with the XYZ color 42.6289, 41.8801, 45.8813.



This preview shows how white text looks on a background with the XYZ color 42.6289, 41.8801,

45.8813.

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

42.6289, 41.8801, 45.8813

Protanopia

40.3675, 41.7933, 47.5343

Deuteranopia

42.8778, 42.0084, 45.8929



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

42.6289, 41.8801, 45.8813

Protanomaly

41.2218, 41.9637, 47.0015

Deuteranomaly

42.8778, 42.0084, 45.8929

Tritanomaly

43.0898, 41.7989, 47.9164

Monochromacy



Original Color

42.6289, 41.8801, 45.8813

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3128, 42.3035, 46.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6289, 41.8801, 45.8813 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, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 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(189, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.6289, 41.8801, 45.8813 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, 168, 174) }
```


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

```
.border{ border-color:rgb(189, 168, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6289, 41.8801, 45.8813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 174) }
```

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

```
.background{ background-color: rgb(189,  
168, 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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