

Converting Colors

XYZ(42.7734, 42.2853, 47.1261)

Have a look what the booklet for
XYZ(42.7734, 42.2853, 47.1261)
contains.

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Color

**XYZ(42.7635, 42.2019,
46.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA9B0
RGB	188, 169, 176
RGB Percent	74%, 66%, 69%
CMY	0.2627, 0.3372, 0.3098
CMYK	0.00, 0.10, 0.06, 0.26
HSL	338°, 12%, 70%
HSV	338°, 10%, 74%
XYZ	42.7635, 42.2019, 46.9662
YIQ	175.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

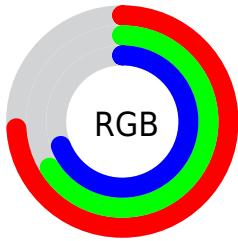
Format	Color
RYB	188, 169, 176
Decimal	12364208
CIELab	71.01, 8.09, -1.10
CIELCh	71, 8.163, 352.277
Yxy	42.2019, 0.3241, 0.3199
Android (android.graphics.Color)	4290554288 (0xFFBCA9B0)
YUV	175.4790, 0.2569, 10.9809
Hunter-Lab	64.9630, 3.8168, 2.6093

Details

The XYZ color **42.7635, 42.2019, 46.9662** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6875, 47.7388, 50.6831**, and the grayscale version is **40.9922, 43.1270, 46.9653**.

A 20% lighter version of the original color is **78.5294, 78.3706, 87.3320**, and **19.9911, 19.3287, 21.7460** is the 20% darker color. If you saturate the color by 10%, you get **38.3905, 35.2544, 39.9627**, and if you desaturate by 10%, it is **47.7446, 50.2001, 54.6806**.

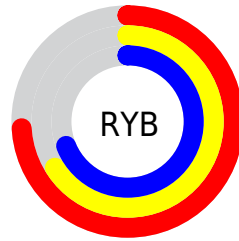
Distribution



Red (74%)

Green (66%)

Blue (69%)



Red (74%)

Yellow (66%)

Blue (69%)

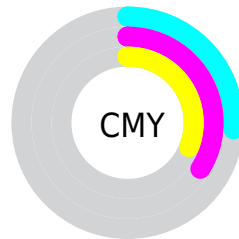


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7635, 42.2019, 46.9662 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 42.7635, 42.2019, 46.9662 by changing the saturation by 10% instead.

■ 42.7635, 42.2019,
46.9662

■ 42.7635, 42.2019,
46.9662

348.5763,
355.3192, 391.0695

■ 29.8933, 29.2594,
32.6548

■ 78.6118, 78.5051,
87.0126

■ 19.9053, 19.2772,
21.5932

102.3206,
102.6346, 113.5847

■ 12.4341, 11.8707,
13.3628

130.3730,
131.2619, 145.0808

■ 7.1143, 6.6557,
7.5452

163.1344,
164.7714, 181.9193

■ 3.5807, 3.2477,
3.7218

200.9700,
203.5475, 224.5189

■ 1.4678, 1.2624,
1.4740

244.2453,

■ 0.3037, 0.1118,

247.9746, 273.2981

0.1984

293.3256,
298.4370, 328.6755

■ 0.0000, 0.0000,
0.0000

■ 42.7635, 42.2019,
46.9662

■ 42.7635, 42.2019,
46.9662

■ 38.3905, 35.2544,
39.9627

■ 47.7446, 50.2001,
54.6806

■ 34.5980, 29.3081,
33.6466

■ 53.3529, 59.2844,
63.1232

■ 31.3616, 24.3181,
27.9966

■ 59.6109, 69.4958,
72.3142

■ 28.6538, 20.2338,
22.9897

■ 66.5391, 80.8712,
82.2718

■ 26.4444, 16.9997,
18.6009

■ 71.5497, 88.2317,
92.1449

■ 24.7002, 14.5544,
14.8038

■ 73.3273, 88.9427,
101.5058

■ 23.3836, 12.8279,
11.5695

■ 74.5493, 89.4315,
107.9406

■ 22.4505, 11.7379,
8.8659

■ 21.8210, 11.1242,
6.6670

Harmonies

Analogous

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



42.2193, 42.2019, 50.6949



42.7635, 42.2019, 46.9662



42.5845, 42.2019, 43.1654

Triad

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



42.7635, 42.2019, 46.9662



39.1269, 42.2019, 39.3529



38.5303, 42.2019, 52.1431

Complementary

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



42.7635, 42.2019, 46.9662



42.6875, 47.7388, 50.6831

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.



37.7364, 42.2019, 48.8533



42.7635, 42.2019, 46.9662



38.0754, 42.2019, 41.5121

Square

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



42.7635, 42.2019, 46.9662



40.4647, 42.2019, 38.9111



37.5717, 42.2019, 44.9499



39.7607, 42.2019, 53.7920

Rectangle

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



42.7635, 42.2019, 46.9662



42.0810, 42.2019, 41.0870



37.5717, 42.2019, 44.9499



38.2047, 42.2019, 51.1839

Sweetspot

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



42.7647, 42.2037, 46.9671



83.7549, 86.5101, 94.8472



42.2563, 41.7983, 53.4183



17.8512, 18.3465, 20.1500



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.



42.7647, 42.2037, 46.9671



75.7559, 73.6980, 82.3592



42.5058, 42.7655, 43.5526



9.6715, 9.5929, 10.6593



14.8898, 7.5871, 4.7134



0.6151, 0.3099, 0.3523

Inverse Universe

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



42.7647, 42.2037, 46.9671



75.7559, 73.6980, 82.3592



42.9540, 47.0936, 54.4036



9.6715, 9.5929, 10.6593



14.8898, 7.5871, 4.7134



0.6151, 0.3099, 0.3523

Previews

White Background



This preview shows how the XYZ color 42.7635, 42.2019, 46.9662 looks on a white background.

Color Contrast Check

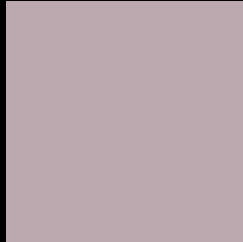
Large Text (above 18pt) WCAG AA × Fail

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 42.7635, 42.2019, 46.9662 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 42.7635, 42.2019, 46.9662

Background



This preview shows how black text looks on a background with the XYZ color 42.7635, 42.2019, 46.9662.



This preview shows how white text looks on a background with the XYZ color 42.7635, 42.2019,

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

42.7635, 42.2019, 46.9662

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.0743, 42.0870, 46.9276



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

42.7635, 42.2019, 46.9662

Protanomaly

41.5107, 42.3827, 47.5878

Deuteranomaly

42.8254, 41.9587, 46.9160

Tritanomaly

43.1256, 42.0788, 48.4969

Monochromacy



Original Color

42.7635, 42.2019, 46.9662

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5038, 42.6856, 46.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7635, 42.2019, 46.9662 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, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 176)  
}
```

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, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.7635, 42.2019, 46.9662 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, 169, 176) }
```


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

```
.border{ border-color:rgb(188, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7635, 42.2019, 46.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 176) }
```

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

```
.background{ background-color: rgb(188,  
169, 176) }
```

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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