

Converting Colors

XYZ(42.8582, 42.2234, 47.4392)

Have a look what the booklet for
XYZ(42.8582, 42.2234, 47.4392)
contains.

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Color

**XYZ(42.8628, 42.2416,
47.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA9B1
RGB	188, 169, 177
RGB Percent	74%, 66%, 69%
CMY	0.2627, 0.3372, 0.3059
CMYK	0.00, 0.10, 0.06, 0.26
HSL	335°, 12%, 70%
HSV	335°, 10%, 74%
XYZ	42.8628, 42.2416, 47.4893
YIQ	175.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

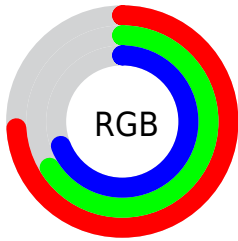
Format	Color
R_{YB}	188, 169, 177
Decimal	12364209
CIE _{Lab}	71.04, 8.27, -1.61
CIE _{LCh}	71, 8.423, 348.987
Yxy	42.2416, 0.3233, 0.3186
Android (android.graphics.Color)	4290554289 (0xFFBCA9B1)
YUV	175.5930, 0.6937, 10.8809
Hunter-Lab	64.9935, 3.9809, 2.1736

Details

The XYZ color **42.8628, 42.2416, 47.4893** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5852, 47.6978, 50.1444**, and the grayscale version is **41.0493, 43.1871, 47.0307**.

A 20% lighter version of the original color is **78.6719, 78.4276, 88.0824**, and **19.9911, 19.3287, 21.7460** is the 20% darker color. If you saturate the color by 10%, you get **38.5718, 35.3269, 40.9176**, and if you desaturate by 10%, it is **47.7457, 50.2005, 54.6864**.

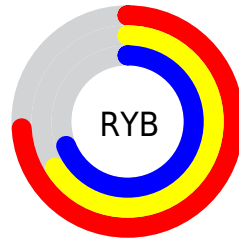
Distribution



Red (74%)

Green (66%)

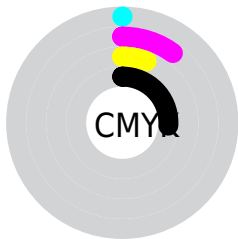
Blue (69%)



Red (74%)

Yellow (66%)

Blue (69%)

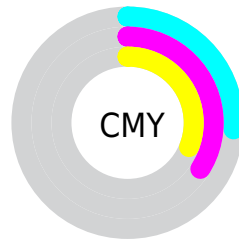


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8628, 42.2416, 47.4893 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 42.8628, 42.2416, 47.4893 by changing the saturation by 10% instead.


 42.8628, 42.2416,
47.4893


 42.8628, 42.2416,
47.4893

348.9783,
355.4835, 393.2144

 29.9715, 29.2905,
33.0655

 78.7608, 78.5651,
87.8012

 19.9649, 19.3007,
21.9051

 102.4982,
102.7064, 114.5263

 12.4777, 11.8878,
13.5895


130.5817,
131.3465, 146.1890

 7.1444, 6.6673,
7.7003

163.3767,
164.8698, 183.2078

 3.5997, 3.2549,
3.8188

201.2485,
203.6608, 226.0011

 1.4783, 1.2662,
1.5264

244.5625,

 0.3110, 0.1148,

248.1038, 274.9877

0.2375

293.6840,
298.5832, 330.5859

■ 0.0000, 0.0000,
0.0000

■ 42.8628, 42.2416,
47.4893

■ 42.8628, 42.2416,
47.4893

■ 38.5718, 35.3269,
40.9176

■ 47.7457, 50.2005,
54.6864

■ 34.8456, 29.4072,
34.9509

■ 53.2389, 59.2388,
62.5232

■ 31.6606, 24.4377,
29.5715

■ 59.3645, 69.3972,
71.0167

■ 28.9899, 20.3682,
24.7597

■ 66.1423, 80.7125,
80.1825

■ 26.8040, 17.1435,
20.4946

■ 70.9841, 88.0054,
89.1667

■ 25.0705, 14.7025,
16.7539

■ 72.5740, 88.6414,
97.5391

■ 23.7526, 12.9755,
13.5129

■ 74.2614, 89.3163,
106.4245

■ 22.8072, 11.8806,
10.7445

■ 74.5493, 89.4315,
107.9406

■ 22.1557, 11.2581,
8.4292

Harmonies

Analogous

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



42.2247, 42.2416, 51.2658



42.8628, 42.2416, 47.4893



42.7612, 42.2416, 43.5198

Triad

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



42.8628, 42.2416, 47.4893



39.2759, 42.2416, 39.0523



38.4008, 42.2416, 52.0890

Complementary

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



42.8628, 42.2416, 47.4893



42.5852, 47.6978, 50.1444

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.



37.6461, 42.2416, 48.5601



42.8628, 42.2416, 47.4893



38.1432, 42.2416, 41.0964

Square

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



42.8628, 42.2416, 47.4893



40.6682, 42.2416, 38.8028



37.5529, 42.2416, 44.5303



39.6350, 42.2416, 54.0227

Rectangle

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



42.8628, 42.2416, 47.4893



42.2883, 42.2416, 41.2913



37.5529, 42.2416, 44.5303



38.0838, 42.2416, 51.0407

Sweetspot

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



42.8640, 42.2434, 47.4902



83.8125, 86.5332, 95.1503



42.0347, 41.6841, 53.4079



17.8668, 18.3527, 20.2319



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.



42.8640, 42.2434, 47.4902



75.9694, 73.7834, 83.4837



42.3267, 42.4073, 43.4929



9.6923, 9.6012, 10.7687



15.1200, 7.6792, 5.9255



0.6250, 0.3139, 0.4044

Inverse Universe

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



42.8640, 42.2434, 47.4902



75.9694, 73.7834, 83.4837



43.1544, 47.4945, 54.4704



9.6923, 9.6012, 10.7687



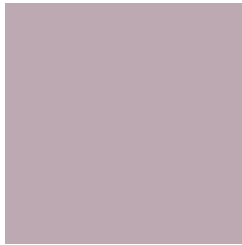
15.1200, 7.6792, 5.9255



0.6250, 0.3139, 0.4044

Previews

White Background



This preview shows how the XYZ color 42.8628, 42.2416, 47.4893 looks on a white background.

Color Contrast Check

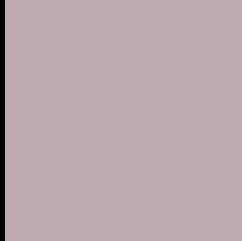
Large Text (above 18pt) WCAG AA × Fail

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 42.8628, 42.2416, 47.4893 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 42.8628, 42.2416, 47.4893

Background



This preview shows how black text looks on a background with the XYZ color 42.8628, 42.2416, 47.4893.



This preview shows how white text looks on a background with the XYZ color 42.8628, 42.2416,

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

42.8628, 42.2416, 47.4893

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

43.1100, 42.3691, 47.5009



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

42.8628, 42.2416, 47.4893

Protanomaly

41.6108, 42.4227, 48.1148

Deuteranomaly

43.1100, 42.3691, 47.5009

Tritanomaly

43.2271, 42.1194, 49.0316

Monochromacy



Original Color

42.8628, 42.2416, 47.4893

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6024, 42.7250, 47.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8628, 42.2416, 47.4893 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.8628, 42.2416, 47.4893 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, 177) }
```


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

```
.border{ border-color:rgb(188, 169, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8628, 42.2416, 47.4893 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, 177) }
```

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

```
.background{ background-color: rgb(188,  
169, 177) }
```

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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