

Converting Colors

XYZ(42.8954, 43.5093, 49.1753)

Have a look what the booklet for
XYZ(42.8954, 43.5093, 49.1753)
contains.

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Color

**XYZ(42.9027, 43.6347,
49.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB4
RGB	183, 174, 180
RGB Percent	72%, 68%, 71%
CMY	0.2823, 0.3176, 0.2941
CMYK	0.00, 0.05, 0.02, 0.28
HSL	320°, 6%, 70%
HSV	320°, 5%, 72%
XYZ	42.9027, 43.6347, 49.3411
YIQ	177.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

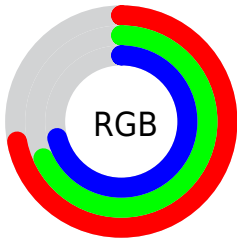
Format	Color
RYB	183, 174, 180
Decimal	12037812
CIELab	71.98, 4.31, -1.92
CIELCh	72, 4.717, 335.936
Yxy	43.6347, 0.3157, 0.3211
Android (android.graphics.Color)	4290227892 (0xFFB7AEB4)
YUV	177.3750, 1.2941, 4.9331
Hunter-Lab	66.0566, 0.3339, 1.9528

Details

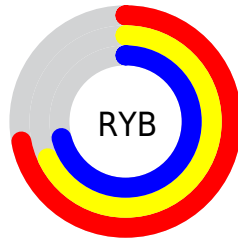
The XYZ color **42.9027, 43.6347, 49.3411** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3265, 46.0411, 48.2533**, and the grayscale version is **41.9803, 44.1666, 48.0974**.

A 20% lighter version of the original color is **78.7562, 80.4455, 90.7335**, and **19.9962, 20.1972, 22.9232** is the 20% darker color. If you saturate the color by 10%, you get **38.9977, 36.7973, 45.0399**, and if you desaturate by 10%, it is **47.3192, 51.4502, 53.9489**.

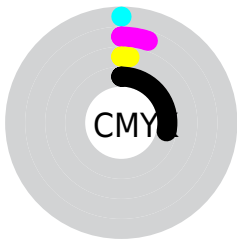
Distribution



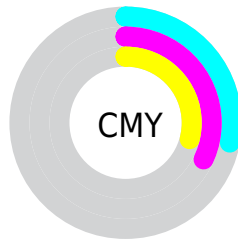
- Red (72%)
- Green (68%)
- Blue (71%)



- Red (72%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9027, 43.6347, 49.3411 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 42.9027, 43.6347, 49.3411 by changing the saturation by 10% instead.

■ 42.9027, 43.6347,
49.3411

■ 42.9027, 43.6347,
49.3411

349.1398,
361.2155, 400.7446

■ 30.0030, 30.3834,
34.5226

■ 78.8206, 80.6678,
90.5841

■ 19.9889, 20.1298,
23.0148

102.5696,
105.2184, 117.8457

■ 12.4952, 12.4894,
14.3990

130.6656,
134.3042, 150.0920

■ 7.1565, 7.0779,
8.2568

163.4741,
168.3096, 187.7417

■ 3.6073, 3.5109,
4.1696

201.3604,
207.6191, 231.2133

■ 1.4825, 1.4039,
1.7188

244.6899,

■ 0.3139, 0.2196,

252.6169, 280.9253

0.3736

293.8279,
303.6876, 337.2962

■ 0.0000, 0.0000,
0.0000

■ 42.9027, 43.6347,
49.3411

■ 42.9027, 43.6347,
49.3411

■ 38.9977, 36.7973,
45.0399

■ 47.3192, 51.4502,
53.9489

■ 35.5809, 30.8935,
41.0343

■ 52.2621, 60.2747,
58.8683

■ 32.6324, 25.8837,
37.3164

■ 57.7503, 70.1448,
64.1079

■ 30.1296, 21.7233,
33.8768

■ 63.8005, 81.0937,
69.6749

■ 28.0482, 18.3639,
30.7057

■ 66.9855, 86.2661,
74.4284

■ 26.3610, 15.7522,
27.7920

■ 67.7630, 86.5771,
78.5225

■ 25.0378, 13.8282,
25.1240

■ 68.5698, 86.8998,
82.7712

■ 24.0438, 12.5229,
22.6879

■ 69.4062, 87.2344,
87.1760

■ 23.3365, 11.7521,
20.4677

■ 70.2727, 87.5810,
91.7385

Harmonies

Analogous

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



42.3884, 43.6347, 51.1906



42.9027, 43.6347, 49.3411



43.0319, 43.6347, 47.0539

Triad

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



42.9027, 43.6347, 49.3411



41.3136, 43.6347, 43.2372



40.2330, 43.6347, 50.1597

Complementary

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



42.9027, 43.6347, 49.3411



42.3265, 46.0411, 48.2533

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.



39.9531, 43.6347, 47.9706



42.9027, 43.6347, 49.3411



40.5718, 43.6347, 44.0117

Square

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



42.9027, 43.6347, 49.3411



42.1077, 43.6347, 43.5775



40.0763, 43.6347, 45.7263



40.8456, 43.6347, 51.6738

Rectangle

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



42.9027, 43.6347, 49.3411



42.8809, 43.6347, 45.5985



40.0763, 43.6347, 45.7263



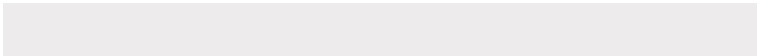
40.0972, 43.6347, 49.4758

Sweetspot

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



42.9039, 43.6366, 49.3420



79.8127, 83.3973, 91.5215



41.8165, 43.0403, 50.9040



17.6373, 18.4360, 20.2238



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9039, 43.6366, 49.3420



75.9649, 76.6128, 87.4301



42.4531, 43.4562, 46.9678



9.5026, 9.5534, 10.9397



16.1059, 8.0161, 13.7105



0.5952, 0.2936, 0.6279

Inverse Universe

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



42.9039, 43.6366, 49.3420



75.9649, 76.6128, 87.4301



42.7823, 46.2234, 50.6536



9.5026, 9.5534, 10.9397



16.1059, 8.0161, 13.7105



0.5952, 0.2936, 0.6279

Previews

White Background



This preview shows how the XYZ color 42.9027, 43.6347, 49.3411 looks on a white background.

Color Contrast Check

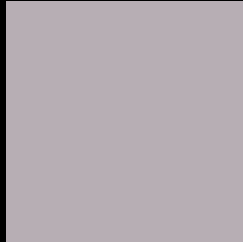
Large Text (above 18pt) WCAG AA × Fail

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 42.9027, 43.6347, 49.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

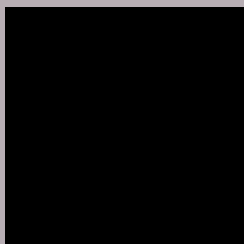
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

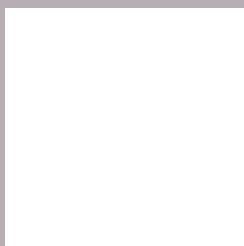
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9027, 43.6347, 49.3411

Background



This preview shows how black text looks on a background with the XYZ color 42.9027, 43.6347, 49.3411.



This preview shows how white text looks on a background with the XYZ color 42.9027, 43.6347,

49.3411.

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

42.9027, 43.6347, 49.3411

Protanopia

42.0306, 43.4611, 49.8896

Deuteranopia

44.6416, 43.6685, 49.7921



Tritanopia

43.6804, 43.6653, 53.1398

Trichromacy



Original Color

42.9027, 43.6347, 49.3411

Protanomaly

42.4929, 43.6994, 49.9113

Deuteranomaly

44.0793, 43.6601, 49.8201

Tritanomaly

43.3625, 43.5382, 51.4657

Monochromacy



Original Color

42.9027, 43.6347, 49.3411

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1516, 43.8487, 48.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9027, 43.6347, 49.3411 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(183, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 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(183, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.9027, 43.6347, 49.3411 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(183, 174, 180) }
```


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

```
.border{ border-color:rgb(183, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9027, 43.6347, 49.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 180) }
```

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

```
.background{ background-color: rgb(183,  
174, 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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