

Converting Colors

XYZ(42.0427, 42.3212, 48.2629)

Have a look what the booklet for
XYZ(42.0427, 42.3212, 48.2629)
contains.

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Color

**XYZ(42.1272, 42.4075,
48.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ABB2
RGB	183, 171, 178
RGB Percent	72%, 67%, 70%
CMY	0.2823, 0.3294, 0.3020
CMYK	0.00, 0.07, 0.03, 0.28
HSL	325°, 8%, 69%
HSV	325°, 7%, 72%
XYZ	42.1272, 42.4075, 48.0846
YIQ	175.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

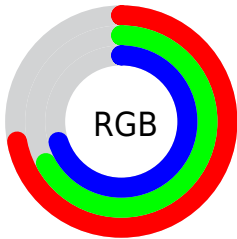
Format	Color
RYB	183, 171, 178
Decimal	12037042
CIELab	71.15, 5.57, -2.04
CIELCh	71, 5.934, 339.854
Yxy	42.4075, 0.3177, 0.3198
Android (android.graphics.Color)	4290227122 (0xFFB7ABB2)
YUV	175.3860, 1.2887, 6.6775
Hunter-Lab	65.1210, 1.5109, 1.8057

Details

The XYZ color **42.1272, 42.4075, 48.0846** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5661, 45.6605, 47.6991**, and the grayscale version is **40.9403, 43.0724, 46.9058**.

A 20% lighter version of the original color is **77.6442, 78.6839, 88.9371**, and **19.5044, 19.4201, 22.1225** is the 20% darker color. If you saturate the color by 10%, you get **38.1627, 35.6697, 43.0897**, and if you desaturate by 10%, it is **46.6153, 50.1232, 53.4652**.

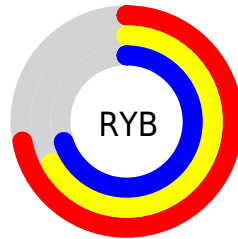
Distribution



Red (72%)

Green (67%)

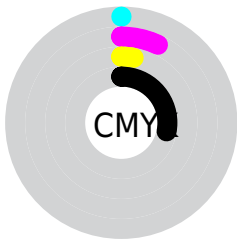
Blue (70%)



Red (72%)

Yellow (67%)

Blue (70%)

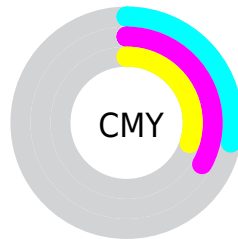


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1272, 42.4075, 48.0846 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 42.1272, 42.4075, 48.0846 by changing the saturation by 10% instead.

■ 42.1272, 42.4075,
48.0846

■ 42.1272, 42.4075,
48.0846

345.9926,
356.1694, 395.6457

■ 29.3924, 29.4205,
33.5334

■ 77.6561, 78.8160,
88.6972

■ 19.5237, 19.3992,
22.2609

101.1809,
103.0063, 115.5957

■ 12.1555, 11.9591,
13.8486

129.0331,
131.6998, 147.4471

■ 6.9226, 6.7158,
7.8779

161.5781,
165.2809, 184.6699

■ 3.4597, 3.2850,
3.9303

199.1811,
204.1340, 227.6826

■ 1.4012, 1.2823,
1.5872

242.2077,

■ 0.2571, 0.1274,

248.6436, 276.9038

0.2816

291.0231,
299.1939, 332.7520

■ 0.0000, 0.0000,
0.0000

■ 42.1272, 42.4075,
48.0846

■ 42.1272, 42.4075,
48.0846

■ 38.1627, 35.6697,
43.0897

■ 46.6153, 50.1232,
53.4652

■ 34.6980, 29.8649,
38.4675

■ 51.6424, 58.8483,
59.2383

■ 31.7126, 24.9528,
34.2084

■ 57.2278, 68.6198,
65.4142

■ 29.1833, 20.8883,
30.3010

■ 63.3889, 79.4713,
72.0017

■ 27.0849, 17.6219,
26.7333

■ 67.7008, 86.5523,
78.1957

■ 25.3896, 15.0992,
23.4922

■ 68.7110, 86.9563,
83.5150

■ 24.0660, 13.2590,
20.5635

■ 69.7675, 87.3789,
89.0786

■ 23.0779, 12.0299,
17.9310

■ 70.8710, 87.8203,
94.8896

■ 22.3768, 11.3161,
15.5745

■ 72.0221, 88.2808,
100.9511

Harmonies

Analogous

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



41.5437, 42.4075, 50.5031



42.1272, 42.4075, 48.0846



42.2186, 42.4075, 45.2446

Triad

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



42.1272, 42.4075, 48.0846



39.9810, 42.4075, 40.9914



38.8583, 42.4075, 49.7700

Complementary

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



42.1272, 42.4075, 48.0846



41.5661, 45.6605, 47.6991

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.



38.4541, 42.4075, 47.1172



42.1272, 42.4075, 48.0846



39.0952, 42.4075, 42.1007

Square

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



42.1272, 42.4075, 48.0846



40.9686, 42.4075, 41.2264



38.5401, 42.4075, 44.3158



39.6527, 42.4075, 51.5036

Rectangle

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



42.1272, 42.4075, 48.0846



41.9867, 42.4075, 43.5044



38.5401, 42.4075, 44.3158



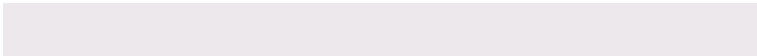
38.6729, 42.4075, 48.9518

Sweetspot

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



42.1284, 42.4093, 48.0855



78.9669, 81.9812, 90.3905



41.0163, 41.7770, 50.7022



17.4600, 18.1391, 19.9868



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.



42.1284, 42.4093, 48.0855



74.2696, 73.9363, 84.6635



41.5392, 42.1737, 44.9829



9.2183, 9.0977, 10.4971



15.4997, 7.7736, 10.5183



0.5765, 0.2861, 0.5293

Inverse Universe

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



42.1284, 42.4093, 48.0855



74.2696, 73.9363, 84.6635



42.1729, 45.9032, 50.8940



9.2183, 9.0977, 10.4971



15.4997, 7.7736, 10.5183



0.5765, 0.2861, 0.5293

Previews

White Background



This preview shows how the XYZ color 42.1272, 42.4075, 48.0846 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 42.1272, 42.4075, 48.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

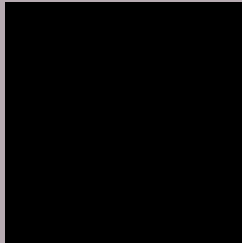
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1272, 42.4075, 48.0846

Background



This preview shows how black text looks on a background with the XYZ color 42.1272, 42.4075, 48.0846.



This preview shows how white text looks on a background with the XYZ color 42.1272, 42.4075,

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

42.1272, 42.4075, 48.0846

Protanopia

40.9847, 42.3719, 48.6663

Deuteranopia

43.2101, 42.4091, 48.0278



Tritanopia

42.7936, 42.4005, 51.2760

Trichromacy



Original Color

42.1272, 42.4075, 48.0846

Protanomaly

41.4796, 42.3434, 48.6347

Deuteranomaly

42.9041, 42.5286, 48.0670

Tritanomaly

42.5854, 42.3172, 50.1795

Monochromacy



Original Color

42.1272, 42.4075, 48.0846

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3326, 42.8717, 47.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1272, 42.4075, 48.0846 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, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 178)  
}
```

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, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.1272, 42.4075, 48.0846 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, 171, 178) }
```


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

```
.border{ border-color:rgb(183, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1272, 42.4075, 48.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 178) }
```

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

```
.background{ background-color: rgb(183,  
171, 178) }
```

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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