

Converting Colors

XYZ(42.6072, 38.6453, 60.4720)

Have a look what the booklet for
XYZ(42.6072, 38.6453, 60.4720)
contains.

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Color

**XYZ(42.6072, 38.6453,
60.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	B99DC9
RGB	185, 157, 201
RGB Percent	73%, 62%, 79%
CMY	0.2745, 0.3843, 0.2118
CMYK	0.08, 0.22, 0.00, 0.21
HSL	278°, 29%, 70%
HSV	278°, 22%, 79%
XYZ	42.6072, 38.6453, 60.4720
YIQ	170.3880, 2.5640, 19.6200

Conversions

Conversions Part 2

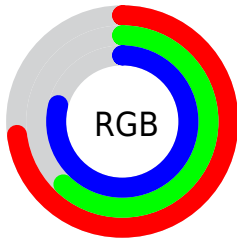
Format	Color
RYB	185, 157, 201
Decimal	12164553
CIELab	68.49, 18.47, -18.72
CIELCh	68, 26.296, 314.614
Yxy	38.6453, 0.3006, 0.2727
Android (android.graphics.Color)	4290354633 (0xFFB99DC9)
YUV	170.3880, 15.0917, 12.8147
Hunter-Lab	62.1653, 13.5519, -14.1592

Details

The XYZ color **42.6072, 38.6453, 60.4720** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2074, 53.0928, 39.8181**, and the grayscale version is **38.3292, 40.3253, 43.9143**.

A 20% lighter version of the original color is **77.8691, 73.0077, 104.5955**, and **19.9362, 17.3202, 29.8961** is the 20% darker color. If you saturate the color by 10%, you get **37.7643, 31.5098, 59.3505**, and if you desaturate by 10%, it is **48.1025, 46.9497, 61.7859**.

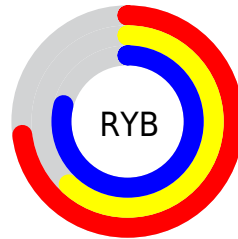
Distribution



Red (73%)

Green (62%)

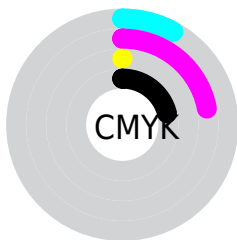
Blue (79%)



Red (73%)

Yellow (62%)

Blue (79%)

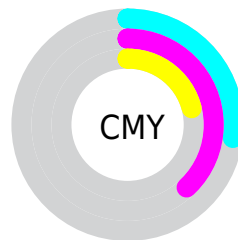


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (27%)


Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6072, 38.6453, 60.4720 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 42.6072, 38.6453, 60.4720 by changing the saturation by 10% instead.


 42.6072, 38.6453,
60.4720


 42.6072, 38.6453,
60.4720


347.9428,
340.3801, 444.1882

 29.7702, 26.4839,
43.3714


 78.3772, 73.0961,
107.0641

 19.8115, 17.1860,
29.8431


 102.0409, 96.1544,
137.3927

 12.3655, 10.3672,
19.4685


130.0443,
123.6137, 172.9678

 7.0671, 5.6431,
11.8290

162.7526,
155.8585, 214.2078

 3.5508, 2.6293,
6.5063

200.5313,
193.2731, 261.5313

 1.4513, 0.9414,
3.0816

243.7456,

 0.2923, 0.0000,

236.2420, 315.3568

1.1364

292.7610,
285.1495, 376.1030

■ 0.0000, 0.0000,
0.0000

■ 42.6072, 38.6453,
60.4720

■ 42.6072, 38.6453,
60.4720

■ 37.7643, 31.5098,
59.3505

■ 48.1025, 46.9497,
61.7859

■ 33.5417, 25.4828,
58.4098

■ 54.2736, 56.4696,
63.2981

■ 29.9095, 20.5062,
57.6406

■ 61.1466, 67.2552,
65.0177

■ 26.8337, 16.5140,
57.0322

■ 68.7455, 79.3521,
66.9522

■ 24.2767, 13.4329,
56.5722

■ 76.2888, 91.1955,
68.8406

■ 22.1952, 11.1789,
56.2469

■ 78.5704, 92.3717,
68.9474

■ 20.5380, 9.6516,
56.0394

■ 80.9503, 93.5986,
69.0587

■ 19.4310, 8.7991,
55.9332

■ 83.4295, 94.8766,
69.1748

■ 86.0092, 96.2065,
69.2955

Harmonies

Analogous

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



38.7754, 38.6453, 68.2024



42.6072, 38.6453, 60.4720



44.9487, 38.6453, 48.4180

Triad

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



42.6072, 38.6453, 60.4720



38.8829, 38.6453, 23.7105



29.5577, 38.6453, 48.0930

Complementary

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



42.6072, 38.6453, 60.4720



44.2074, 53.0928, 39.8181

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.



29.5818, 38.6453, 36.3174



42.6072, 38.6453, 60.4720



34.7602, 38.6453, 23.6563

Square

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



42.6072, 38.6453, 60.4720



42.6910, 38.6453, 28.0180



31.4219, 38.6453, 27.8528



31.3536, 38.6453, 60.1959

Rectangle

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



42.6072, 38.6453, 60.4720



45.2461, 38.6453, 40.2717



31.4219, 38.6453, 27.8528



29.3578, 38.6453, 43.9378

Sweetspot

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



42.6084, 38.6469, 60.4728



87.2697, 87.9249, 106.9793



39.4179, 41.3251, 61.1579



18.5417, 18.6075, 22.8643



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.6084, 38.6469, 60.4728



69.1027, 60.4569, 102.6350



46.0109, 40.4792, 57.0979



10.6946, 10.6164, 13.4030



12.3207, 5.5858, 35.1732



0.6608, 0.3044, 1.6691

Inverse Universe

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



43.6885, 39.5503, 44.8682



71.3592, 62.3207, 71.0923



41.3916, 51.5820, 42.3642



10.7906, 10.6996, 11.8807



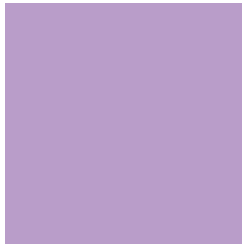
15.9437, 8.1270, 4.9134



0.7897, 0.3987, 0.4155

Previews

White Background



This preview shows how the XYZ color 42.6072, 38.6453, 60.4720 looks on a white background.

Color Contrast Check

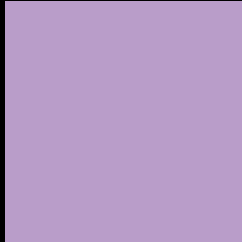
Large Text (above 18pt) WCAG AA × Fail

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 42.6072, 38.6453, 60.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

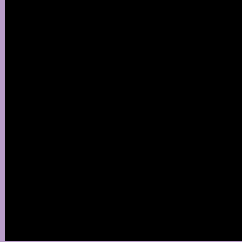
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6072, 38.6453, 60.4720

Background



This preview shows how black text looks on a background with the XYZ color 42.6072, 38.6453, 60.4720.



This preview shows how white text looks on a background with the XYZ color 42.6072, 38.6453,

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

42.6072, 38.6453, 60.4720

Protanopia

38.8033, 38.9455, 64.5036

Deuteranopia

39.4589, 38.5800, 60.0106



Tritanopia

39.6164, 38.7204, 45.4302

Trichromacy



Original Color

42.6072, 38.6453, 60.4720

Protanomaly

40.0530, 38.8177, 63.1391

Deuteranomaly

40.6258, 38.6585, 59.9642

Tritanomaly

40.5139, 38.5474, 50.6525

Monochromacy



Original Color

42.6072, 38.6453, 60.4720

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4748, 39.3604, 49.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6072, 38.6453, 60.4720 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(185, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 201)  
}
```

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(185, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 201) }
```

Border

The CSS property to change the border of an element to XYZ 42.6072, 38.6453, 60.4720 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(185, 157, 201) }
```


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

```
.border{ border-color:rgb(185, 157, 201) }
```

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

Here you see how a box with a 4 pixel rgb(185, 157, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 157,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6072, 38.6453, 60.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 201) }
```

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

```
.background{ background-color: rgb(185,  
157, 201) }
```

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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