

Converting Colors

XYZ(45.1642, 42.5131, 61.7039)

Have a look what the booklet for
XYZ(45.1642, 42.5131, 61.7039)
contains.

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Color

**XYZ(45.2184, 42.5931,
61.7151)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BCA7CA |
| RGB | 188, 167, 202 |
| RGB Percent | 74%, 65%, 79% |
| CMY | 0.2627, 0.3451, 0.2078 |
| CMYK | 0.07, 0.17, 0.00, 0.21 |
| HSL | 276°, 25%, 72% |
| HSV | 276°, 17%, 79% |
| XYZ | 45.2184, 42.5931, 61.7151 |
| YIQ | 177.2690, 1.2810, 15.3370 |

Conversions

Conversions Part 2

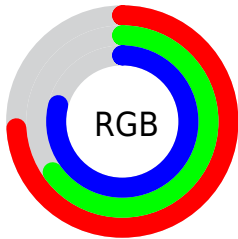
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 188, 167, 202 |
| Decimal | 12363722 |
| CIELab | 71.28, 14.13, -15.04 |
| CIELCh | 71, 20.634, 313.218 |
| Yxy | 42.5931, 0.3024, 0.2849 |
| Android (android.graphics.Color) | 4290553802 (0xFFBCA7CA) |
| YUV | 177.2690, 12.1924, 9.4111 |
| Hunter-Lab | 65.2634, 9.4646, -10.3821 |

Details

The XYZ color **45.2184, 42.5931, 61.7151** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1532, 54.8559, 44.6644**, and the grayscale version is **41.8699, 44.0504, 47.9708**.

A 20% lighter version of the original color is **81.4795, 78.6956, 105.5031**, and **21.4677, 19.5505, 30.6591** is the 20% darker color. If you saturate the color by 10%, you get **39.8681, 34.7647, 60.4867**, and if you desaturate by 10%, it is **51.2608, 51.6386, 63.1432**.

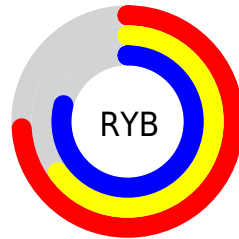
Distribution



Red (74%)

Green (65%)

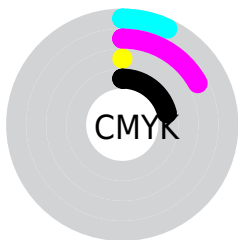
Blue (79%)



Red (74%)

Yellow (65%)

Blue (79%)

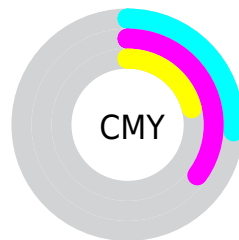


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (26%)


Magenta (35%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2184, 42.5931, 61.7151 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 45.2184, 42.5931, 61.7151 by changing the saturation by 10% instead.


 45.2184, 42.5931,
61.7151


 45.2184, 42.5931,
61.7151


358.4262,
356.9357, 448.8700

 31.8315, 29.5660,
44.3682


 82.2831, 79.0965,
108.8813

 21.3877, 19.5094,
30.6208


 106.6916,
103.3415, 139.5376

 13.5218, 12.0389,
20.0542


135.5047,
132.0947, 175.4676

 7.8683, 6.7702,
12.2500

169.0877,
165.7403, 217.0897

 4.0619, 3.3188,
6.7896

207.8060,
204.6628, 264.8224

 1.7372, 1.3003,
3.2544

252.0249,

 0.4794, 0.1415,

249.2467, 319.0844

1.2260

302.1099,
299.8761, 380.2941

■ 0.0000, 0.0000,
0.0000

■ 45.2184, 42.5931,
61.7151

■ 45.2184, 42.5931,
61.7151

■ 39.8681, 34.7647,
60.4867

■ 51.2608, 51.6386,
63.1432

■ 35.1773, 28.0936,
59.4463

■ 58.0182, 61.9466,
64.7767

■ 31.1168, 22.5228,
58.5850

■ 65.5171, 73.5671,
66.6245

■ 27.6532, 17.9885,
57.8924

■ 73.7815, 86.5454,
68.6940

■ 24.7495, 14.4197,
57.3566

■ 78.5441, 92.3445,
69.5623

■ 22.3643, 11.7367,
56.9644

■ 81.1741, 93.7003,
69.6854

■ 20.4494, 9.8460,
56.7004

■ 83.9256, 95.1187,
69.8141

■ 18.9389, 8.6189,
56.5432

■ 86.8001, 96.6006,
69.9487

■ 18.5733, 8.3434,
56.5092

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



42.0257, 42.5931, 67.5382



45.2184, 42.5931, 61.7151



47.2018, 42.5931, 52.1060

Triad

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



45.2184, 42.5931, 61.7151



42.4375, 42.5931, 30.4046



34.3387, 42.5931, 50.8769

Complementary

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



45.2184, 42.5931, 61.7151



47.1532, 54.8559, 44.6644

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.



34.4349, 42.5931, 41.0834



45.2184, 42.5931, 61.7151



38.9794, 42.5931, 30.1734

Square

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



45.2184, 42.5931, 61.7151



45.5346, 42.5931, 34.5012



36.0912, 42.5931, 33.8168



35.8204, 42.5931, 60.7054

Rectangle

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



45.2184, 42.5931, 61.7151



47.5051, 42.5931, 45.3141



36.0912, 42.5931, 33.8168



34.1902, 42.5931, 47.4557

Sweetspot

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



45.2197, 42.5949, 61.7160



89.2650, 91.1786, 107.5022



43.2414, 45.7670, 62.4326



18.9378, 19.2602, 22.9694



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.



45.2197, 42.5949, 61.7160



72.8352, 66.6246, 103.6287



48.4955, 44.3232, 60.0836



11.2365, 11.1712, 14.1344



12.0544, 5.4218, 36.3674



0.7061, 0.3231, 1.8801

Inverse Universe

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



46.5178, 43.5321, 49.6690



75.5337, 68.5642, 78.9744



44.3063, 53.3568, 45.9546



11.3951, 11.2868, 12.6154



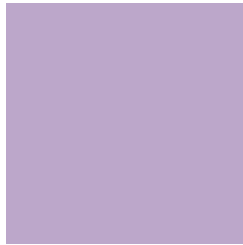
16.6659, 8.4769, 5.9593



0.8970, 0.4522, 0.5033

Previews

White Background



This preview shows how the XYZ color 45.2184, 42.5931, 61.7151 looks on a white background.

Color Contrast Check

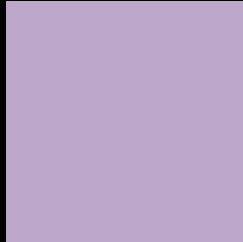
Large Text (above 18pt) WCAG AA × Fail

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 45.2184, 42.5931, 61.7151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

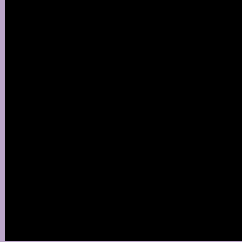
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2184, 42.5931, 61.7151

Background



This preview shows how black text looks on a background with the XYZ color 45.2184, 42.5931, 61.7151.



This preview shows how white text looks on a background with the XYZ color 45.2184, 42.5931,

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

45.2184, 42.5931, 61.7151

Protanopia

42.2326, 42.6682, 64.4024

Deuteranopia

43.5077, 42.5502, 61.1782



Tritanopia

43.0340, 42.5244, 51.2873

Trichromacy



Original Color

45.2184, 42.5931, 61.7151

Protanomaly

43.2616, 42.6476, 63.7093

Deuteranomaly

44.0220, 42.5381, 61.1488

Tritanomaly

43.8416, 42.5766, 55.1976

Monochromacy



Original Color

45.2184, 42.5931, 61.7151

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.8626, 43.2561, 52.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2184, 42.5931, 61.7151 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, 167, 202)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 202)  
}
```

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, 167, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 202) }
```

Border

The CSS property to change the border of an element to XYZ 45.2184, 42.5931, 61.7151 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, 167, 202) }
```


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

```
.border{ border-color:rgb(188, 167, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 202);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2184, 42.5931, 61.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 202) }
```

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

```
.background{ background-color: rgb(188,  
167, 202) }
```

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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