

Converting Colors

XYZ(42.3874, 38.4830, 62.1571)

Have a look what the booklet for
XYZ(42.3874, 38.4830, 62.1571)
contains.

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Color

**XYZ(42.4845, 38.5409,
62.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	B79DCC
RGB	183, 157, 204
RGB Percent	72%, 62%, 80%
CMY	0.2823, 0.3843, 0.2000
CMYK	0.10, 0.23, 0.00, 0.20
HSL	273°, 32%, 71%
HSV	273°, 23%, 80%
XYZ	42.4845, 38.5409, 62.3267
YIQ	170.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

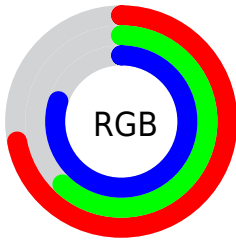
Format	Color
RYB	183, 157, 204
Decimal	12033484
CIELab	68.42, 18.43, -20.51
CIELCh	68, 27.576, 311.935
Yxy	38.5409, 0.2964, 0.2689
Android (android.graphics.Color)	4290223564 (0xFFB79DCC)
YUV	170.1320, 16.6969, 11.2852
Hunter-Lab	62.0813, 13.5117, -16.0674

Details

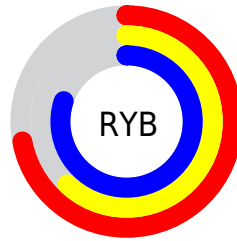
The XYZ color **42.4845, 38.5409, 62.3267** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0401, 55.0860, 40.1063**, and the grayscale version is **38.1946, 40.1837, 43.7600**.

A 20% lighter version of the original color is **77.1901, 72.6577, 104.5637**, and **19.8650, 17.2559, 31.1379** is the 20% darker color. If you saturate the color by 10%, you get **37.2189, 31.1243, 61.1733**, and if you desaturate by 10%, it is **48.4692, 47.1857, 63.6805**.

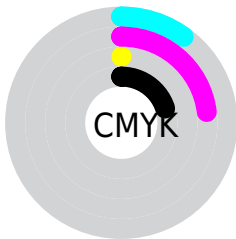
Distribution



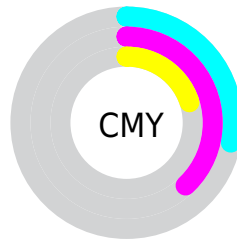
- Red (72%)
- Green (62%)
- Blue (80%)



- Red (72%)
- Yellow (62%)
- Blue (80%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4845, 38.5409, 62.3267 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 42.4845, 38.5409, 62.3267 by changing the saturation by 10% instead.

■ 42.4845, 38.5409,
62.3267

■ 42.4845, 38.5409,
62.3267

347.4450,
339.9346, 451.1623

■ 29.6736, 26.4028,
44.8592

■ 78.1929, 72.9364,
109.7737

■ 19.7378, 17.1252,
31.0044

■ 101.8212, 95.9626,
140.5904

■ 12.3118, 10.3238,
20.3437

129.7860,
123.3870, 176.6939

■ 7.0301, 5.6142,
12.4586

162.4527,
155.5939, 218.5027

■ 3.5274, 2.6119,
6.9305

200.1865,
192.9677, 266.4354

■ 1.4384, 0.9327,
3.3409

243.3530,

■ 0.2834, 0.0000,

235.8928, 320.9105

1.2712

292.3174,
284.7537, 382.3467

■ 0.0000, 0.0000,
0.0380

■ 0.0000, 0.0000,
0.0000

■ 42.4845, 38.5409,
62.3267

■ 42.4845, 38.5409,
62.3267

■ 37.2189, 31.1243,
61.1733

■ 48.4692, 47.1857,
63.6805

■ 32.6376, 24.8724,
60.2080

■ 55.1985, 57.1082,
65.2410

■ 28.7080, 19.7233,
59.4212

■ 62.7010, 68.3613,
67.0177

■ 25.3932, 15.6074,
58.8015

■ 71.0029, 80.9933,
69.0184

■ 22.6520, 12.4468,
58.3359

■ 78.8378, 92.4683,
70.8203

■ 20.4374, 10.1518,
58.0097

■ 81.8162, 94.0038,
70.9597

■ 18.6935, 8.6150,
57.8049

■ 84.9495, 95.6190,
71.1063

■ 17.6898, 7.8603,
57.7122

■ 87.8992, 97.1397,
71.2444

Harmonies

Analogous

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



38.3815, 38.5409, 69.8944



42.4845, 38.5409, 62.3267



45.1342, 38.5409, 49.8040

Triad

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



42.4845, 38.5409, 62.3267



39.2758, 38.5409, 23.1273



29.0727, 38.5409, 47.0930

Complementary

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



42.4845, 38.5409, 62.3267



46.0401, 55.0860, 40.1063

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.



29.2708, 38.5409, 34.9940



42.4845, 38.5409, 62.3267



34.9364, 38.5409, 22.6864

Square

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



42.4845, 38.5409, 62.3267



43.1835, 38.5409, 27.9574



31.3432, 38.5409, 26.6040



30.7791, 38.5409, 60.0082

Rectangle

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



42.4845, 38.5409, 62.3267



45.6022, 38.5409, 41.1642



31.3432, 38.5409, 26.6040



28.9227, 38.5409, 42.7751

Sweetspot

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



42.4857, 38.5425, 62.3275



86.7439, 87.6538, 106.9547



40.7554, 43.4298, 63.3621



18.4199, 18.5447, 22.8586



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.



42.4857, 38.5425, 62.3275



65.5688, 57.0384, 102.1614



47.5792, 41.2006, 61.1056



11.1852, 11.1448, 14.1320



11.2426, 5.0033, 36.3295



0.6665, 0.3027, 1.8782

Inverse Universe

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



44.9960, 40.1674, 47.5028



70.6280, 60.3072, 72.5475



41.7873, 52.8702, 40.9647



11.4172, 11.2956, 12.7314



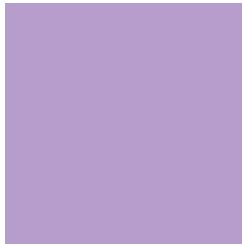
16.9116, 8.5752, 7.2532



0.9105, 0.4576, 0.5744

Previews

White Background



This preview shows how the XYZ color 42.4845, 38.5409, 62.3267 looks on a white background.

Color Contrast Check

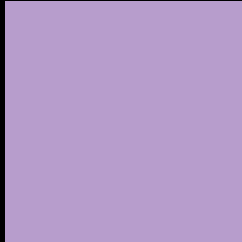
Large Text (above 18pt) WCAG AA × Fail

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 42.4845, 38.5409, 62.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

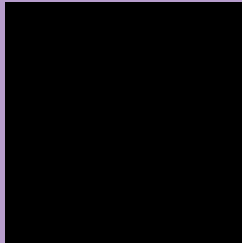
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4845, 38.5409, 62.3267

Background



This preview shows how black text looks on a background with the XYZ color 42.4845, 38.5409, 62.3267.



This preview shows how white text looks on a background with the XYZ color 42.4845, 38.5409,

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

42.4845, 38.5409, 62.3267

Protanopia

38.7983, 38.6313, 66.3845

Deuteranopia

39.3937, 38.5055, 61.8559



Tritanopia

39.0183, 38.4008, 45.9130

Trichromacy



Original Color

42.4845, 38.5409, 62.3267

Protanomaly

40.0314, 38.5017, 64.9962

Deuteranomaly

40.5376, 38.5722, 61.8085

Tritanomaly

40.2561, 38.3901, 51.7427

Monochromacy



Original Color

42.4845, 38.5409, 62.3267

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.5778, 39.4016, 49.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4845, 38.5409, 62.3267 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, 157, 204)` looks like.

```
.text, #text, p{  
    color:rgb(183, 157, 204)  
}
```

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, 157, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 157, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.4845, 38.5409, 62.3267 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, 157, 204) }
```


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

```
.border{ border-color:rgb(183, 157, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 157, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 157, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 157, 204);  
box-shadow:4px 4px 4px 4px rgb(183, 157,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4845, 38.5409, 62.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 157, 204) }
```

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

```
.background{ background-color: rgb(183,  
157, 204) }
```

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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