

Converting Colors

XYZ(42.5005, 39.0638, 55.1696)

Have a look what the booklet for
XYZ(42.5005, 39.0638, 55.1696)
contains.

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Color

**XYZ(42.4803, 38.9509,
55.1485)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9EC0
RGB	188, 158, 192
RGB Percent	74%, 62%, 75%
CMY	0.2627, 0.3804, 0.2471
CMYK	0.02, 0.18, 0.00, 0.25
HSL	293°, 21%, 69%
HSV	293°, 18%, 75%
XYZ	42.4803, 38.9509, 55.1485
YIQ	170.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

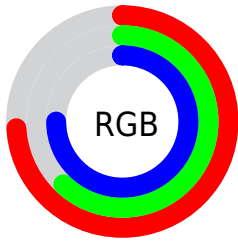
Format	Color
R_{YB}	188, 158, 192
Decimal	12361408
CIE _{Lab}	68.72, 17.13, -13.36
CIE _{LCh}	69, 21.726, 322.044
Yxy	38.9509, 0.3110, 0.2852
Android (android.graphics.Color)	4290551488 (0xFFBC9EC0)
YUV	170.8460, 10.4289, 15.0441
Hunter-Lab	62.4107, 12.2788, -8.7035

Details

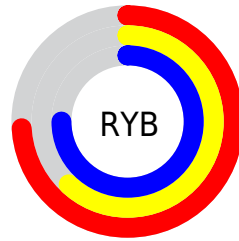
The XYZ color **42.4803, 38.9509, 55.1485** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9230, 47.8503, 39.4817**, and the grayscale version is **38.5793, 40.5884, 44.2008**.

A 20% lighter version of the original color is **78.0458, 73.5989, 98.8995**, and **19.5730, 17.2114, 26.3353** is the 20% darker color. If you saturate the color by 10%, you get **38.9059, 32.6213, 54.1157**, and if you desaturate by 10%, it is **46.5774, 46.3117, 56.3539**.

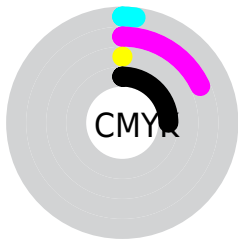
Distribution



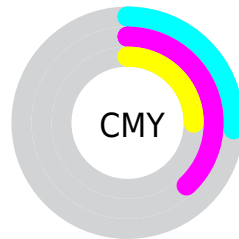
- Red (74%)
- Green (62%)
- Blue (75%)



- Red (74%)
- Yellow (62%)
- Blue (75%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)





- Cyan (26%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4803, 38.9509, 55.1485 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 42.4803, 38.9509, 55.1485 by changing the saturation by 10% instead.


 42.4803, 38.9509,
55.1485


 42.4803, 38.9509,
55.1485


347.4280,
341.6817, 423.7724

 29.6703, 26.7215,
39.1212

 78.1866, 73.5633,
99.2318

 19.7353, 17.3642,
26.5455


 101.8137, 96.7151,
128.1250

 12.3099, 10.4945,
17.0028


129.7772,
124.2766, 162.1438

 7.0288, 5.7280,
10.0745

162.4424,
156.6320, 201.7069

 3.5266, 2.6804,
5.3421

200.1747,
194.1658, 247.2327

 1.4380, 0.9673,
2.3871

243.3395,

 0.2830, 0.0000,

237.2625, 299.1399

0.7794

292.3022,
286.3063, 357.8470

■ 0.0000, 0.0000,
0.0000

■ 42.4803, 38.9509,
55.1485

■ 42.4803, 38.9509,
55.1485

■ 38.9059, 32.6213,
54.1157

■ 46.5774, 46.3117,
56.3539

■ 35.8271, 27.2704,
53.2452

■ 51.2158, 54.7429,
57.7368

■ 33.2192, 22.8488,
52.5292

■ 56.4177, 64.2879,
59.3050

■ 31.0545, 19.3006,
51.9584

■ 62.2027, 74.9862,
61.0651

■ 29.3019, 16.5641,
51.5226

■ 68.5898, 86.8753,
63.0233

■ 27.9266, 14.5694,
51.2100

■ 69.5115, 87.8204,
63.1572

■ 26.8876, 13.2348,
51.0072

■ 70.1255, 88.1370,
63.1859

■ 26.1245, 12.4395,
50.8939

■ 70.7485, 88.4581,
63.2150

■ 25.9650, 12.2863,
50.8728

■ 71.3805, 88.7839,
63.2446

Harmonies

Analogous

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



39.5576, 38.9509, 62.4823



42.4803, 38.9509, 55.1485



43.9594, 38.9509, 45.0848

Triad

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



42.4803, 38.9509, 55.1485



37.9439, 38.9509, 26.2934



31.2282, 38.9509, 49.9177

Complementary

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



42.4803, 38.9509, 55.1485



39.9230, 47.8503, 39.4817

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.



30.8552, 38.9509, 39.8448



42.4803, 38.9509, 55.1485



34.5965, 38.9509, 27.1765

Square

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



42.4803, 38.9509, 55.1485



41.2366, 38.9509, 29.1704



32.0519, 38.9509, 31.8032



33.1042, 38.9509, 59.1516

Rectangle

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



42.4803, 38.9509, 55.1485



43.8677, 38.9509, 38.5833



32.0519, 38.9509, 31.8032



30.9277, 38.9509, 46.4836

Sweetspot

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



42.4815, 38.9526, 55.1493



86.5052, 87.7341, 102.7354



36.6312, 37.1058, 55.1012



18.4347, 18.5979, 22.0034



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.4815, 38.9526, 55.1493



74.5147, 66.2038, 99.2116



42.1571, 38.9383, 48.2263



10.3769, 10.1854, 12.7039



17.5144, 8.2894, 34.2335



0.7904, 0.3755, 1.4807

Inverse Universe

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



40.4881, 38.2707, 39.4375



70.3011, 64.7697, 65.6693



40.2515, 47.8894, 45.3858



10.1203, 10.0967, 10.7242



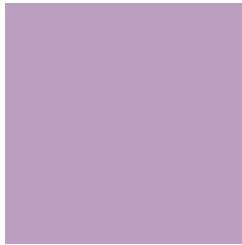
14.7442, 7.5874, 1.2991



0.6534, 0.3344, 0.1421

Previews

White Background



This preview shows how the XYZ color 42.4803, 38.9509, 55.1485 looks on a white background.

Color Contrast Check

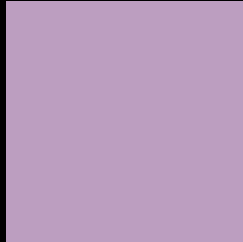
Large Text (above 18pt) WCAG AA × Fail

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 42.4803, 38.9509, 55.1485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

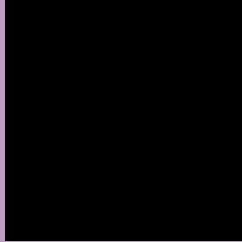
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4803, 38.9509, 55.1485

Background



This preview shows how black text looks on a background with the XYZ color 42.4803, 38.9509, 55.1485.



This preview shows how white text looks on a background with the XYZ color 42.4803, 38.9509,

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

42.4803, 38.9509, 55.1485

Protanopia

38.7296, 39.0310, 58.9186

Deuteranopia

39.7347, 38.8402, 54.6929



Tritanopia

40.3924, 38.8600, 45.4162

Trichromacy



Original Color

42.4803, 38.9509, 55.1485

Protanomaly

39.8556, 38.8378, 57.6204

Deuteranomaly

40.5089, 38.7163, 54.6282

Tritanomaly

41.1610, 38.9169, 49.0584

Monochromacy



Original Color

42.4803, 38.9509, 55.1485

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.9044, 39.8742, 48.2411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4803, 38.9509, 55.1485 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, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 192)  
}
```

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, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.4803, 38.9509, 55.1485 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, 158, 192) }
```


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

```
.border{ border-color:rgb(188, 158, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 158, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4803, 38.9509, 55.1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 192) }
```

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

```
.background{ background-color: rgb(188,  
158, 192) }
```

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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