

Converting Colors

XYZ(42.3749, 39.0413, 54.1161)

Have a look what the booklet for
XYZ(42.3749, 39.0413, 54.1161)
contains.

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Color

**XYZ(42.2602, 38.8628,
53.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9EBE
RGB	188, 158, 190
RGB Percent	74%, 62%, 75%
CMY	0.2627, 0.3804, 0.2549
CMYK	0.01, 0.17, 0.00, 0.25
HSL	296°, 20%, 68%
HSV	296°, 17%, 75%
XYZ	42.2602, 38.8628, 53.9891
YIQ	170.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

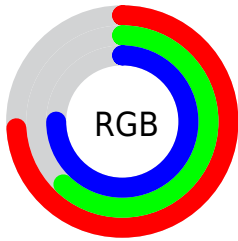
Format	Color
R_{YB}	188, 158, 190
Decimal	12361406
CIE Lab	68.65, 16.74, -12.35
CIE LCh	69, 20.805, 323.594
Yxy	38.8628, 0.3128, 0.2876
Android (android.graphics.Color)	4290551486 (0xFFBC9EBE)
YUV	170.6180, 9.5553, 15.2440
Hunter-Lab	62.3400, 11.9098, -7.7096

Details

The XYZ color **42.2602, 38.8628, 53.9891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.0835, 46.7701, 39.3173**, and the grayscale version is **38.4692, 40.4725, 44.0746**.

A 20% lighter version of the original color is **77.7370, 73.4754, 97.2738**, and **19.5009, 17.1825, 25.9557** is the 20% darker color. If you saturate the color by 10%, you get **38.9757, 32.7256, 52.9782**, and if you desaturate by 10%, it is **46.0505, 46.0067, 55.1688**.

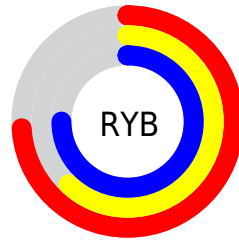
Distribution



Red (74%)

Green (62%)

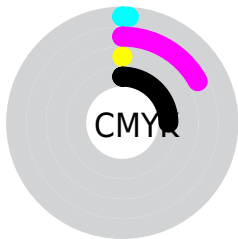
Blue (75%)



Red (74%)

Yellow (62%)

Blue (75%)

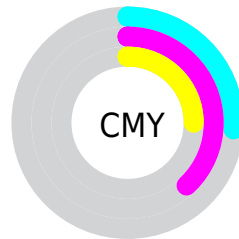


Cyan (1%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (38%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2602, 38.8628, 53.9891 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 42.2602, 38.8628, 53.9891 by changing the saturation by 10% instead.


 42.2602, 38.8628,
53.9891


 42.2602, 38.8628,
53.9891


346.5337,
341.3068, 419.2419

 29.4971, 26.6530,
38.1998


 77.8560, 73.4287,
97.5145

 19.6033, 17.3128,
25.8348


 101.4193, 96.5536,
126.0877

 12.2136, 10.4578,
16.4754


129.3135,
124.0856, 159.7593

 6.9626, 5.7035,
9.7032

161.9038,
156.4092, 198.9478

 3.4848, 2.6656,
5.0996

199.5557,
193.9087, 244.0717

 1.4150, 0.9598,
2.2461

242.6343,

 0.2669, 0.0000,

236.9685, 295.5497

0.7008

291.5053,
285.9731, 353.8003

■ 0.0000, 0.0000,
0.0000

■ 42.2602, 38.8628,
53.9891

■ 42.2602, 38.8628,
53.9891

■ 38.9757, 32.7256,
52.9782

■ 46.0505, 46.0067,
55.1688

■ 36.1705, 27.5441,
52.1259

■ 50.3646, 54.1953,
56.5220

■ 33.8211, 23.2706,
51.4249

■ 55.2238, 63.4705,
58.0562

■ 31.9004, 19.8512,
50.8661

■ 60.6474, 73.8708,
59.7778

■ 30.3788, 17.2262,
50.4396

■ 66.6534, 85.4325,
61.6929

■ 29.2226, 15.3284,
50.1342

■ 67.5925, 86.8566,
61.9183

■ 28.3924, 14.0793,
49.9369

■ 67.9008, 87.0155,
61.9327

■ 27.8353, 13.3727,
49.8299

■ 68.2115, 87.1757,
61.9472

■ 27.6838, 13.1978,
49.8041

■ 68.5247, 87.3371,
61.9619

Harmonies

Analogous

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



39.5251, 38.8628, 61.1586



42.2602, 38.8628, 53.9891



43.5795, 38.8628, 44.3663

Triad

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



42.2602, 38.8628, 53.9891



37.6474, 38.8628, 26.7593



31.4449, 38.8628, 49.9790

Complementary

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



42.2602, 38.8628, 53.9891



39.0835, 46.7701, 39.3173

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.



31.0079, 38.8628, 40.3279



42.2602, 38.8628, 53.9891



34.4662, 38.8628, 27.8039

Square

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



42.2602, 38.8628, 53.9891



40.8163, 38.8628, 29.3580



32.0824, 38.8628, 32.4581



33.3133, 38.8628, 58.6138

Rectangle

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



42.2602, 38.8628, 53.9891



43.4261, 38.8628, 38.2027



32.0824, 38.8628, 32.4581



31.1305, 38.8628, 46.7123

Sweetspot

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



42.2614, 38.8645, 53.9899



84.7547, 85.8410, 100.3811



35.9904, 36.1766, 53.8016



18.4946, 18.6288, 22.0062



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.



42.2614, 38.8645, 53.9899



74.4073, 66.3498, 97.1642



41.3130, 38.5424, 46.4068



9.8695, 9.6651, 12.0176



18.4328, 8.7885, 33.1177



0.7400, 0.3535, 1.2981

Inverse Universe

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



39.8085, 37.9406, 38.4846



69.1872, 64.3869, 64.0220



39.9489, 47.0704, 45.9440



9.5537, 9.5458, 10.0388



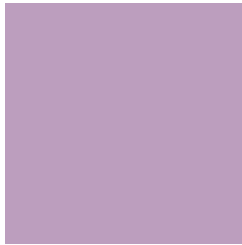
14.1744, 7.3009, 0.9458



0.5636, 0.2893, 0.0811

Previews

White Background



This preview shows how the XYZ color 42.2602, 38.8628, 53.9891 looks on a white background.

Color Contrast Check

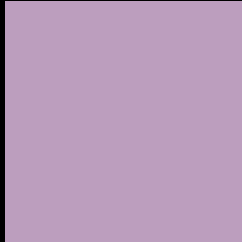
Large Text (above 18pt) WCAG AA × Fail

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 42.2602, 38.8628, 53.9891 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 42.2602, 38.8628, 53.9891

Background



This preview shows how black text looks on a background with the XYZ color 42.2602, 38.8628, 53.9891.



This preview shows how white text looks on a background with the XYZ color 42.2602, 38.8628,

53.9891.

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

42.2602, 38.8628, 53.9891

Protanopia

38.3868, 38.8939, 57.1138

Deuteranopia

39.7381, 38.8672, 53.5518



Tritanopia

40.5374, 38.9460, 44.9159

Trichromacy



Original Color

42.2602, 38.8628, 53.9891

Protanomaly

39.5174, 38.7026, 55.8396

Deuteranomaly

40.5206, 38.7476, 53.4875

Tritanomaly

41.2010, 38.9611, 47.9965

Monochromacy



Original Color

42.2602, 38.8628, 53.9891

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8036, 39.8339, 47.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2602, 38.8628, 53.9891 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.2602, 38.8628, 53.9891 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, 190) }
```


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

```
.border{ border-color:rgb(188, 158, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2602, 38.8628, 53.9891 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, 190) }
```

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

```
.background{ background-color: rgb(188,  
158, 190) }
```

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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