

Converting Colors

XYZ(42.5811, 38.0135, 55.4662)

Have a look what the booklet for
XYZ(42.5811, 38.0135, 55.4662)
contains.

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Color

**XYZ(42.6671, 38.0378,
55.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9AC1
RGB	191, 154, 193
RGB Percent	75%, 60%, 76%
CMY	0.2510, 0.3961, 0.2431
CMYK	0.01, 0.20, 0.00, 0.24
HSL	297°, 24%, 68%
HSV	297°, 20%, 76%
XYZ	42.6671, 38.0378, 55.5453
YIQ	169.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

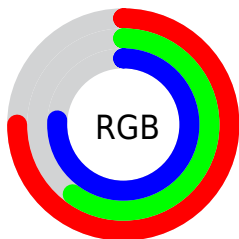
Format	Color
RYB	191, 154, 193
Decimal	12556993
CIELab	68.05, 20.57, -14.89
CIELCh	68, 25.393, 324.087
Yxy	38.0378, 0.3132, 0.2792
Android (android.graphics.Color)	4290747073 (0xFFBF9AC1)
YUV	169.5090, 11.5811, 18.8476
Hunter-Lab	61.6748, 15.5568, -10.2252

Details

The XYZ color **42.6671, 38.0378, 55.5453** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.6143, 47.5419, 37.7150**, and the grayscale version is **37.9062, 39.8803, 43.4297**.

A 20% lighter version of the original color is **78.6107, 72.3969, 99.4533**, and **19.8270, 16.8829, 26.6398** is the 20% darker color. If you saturate the color by 10%, you get **39.4866, 32.0445, 54.5567**, and if you desaturate by 10%, it is **46.3637, 45.0596, 56.7064**.

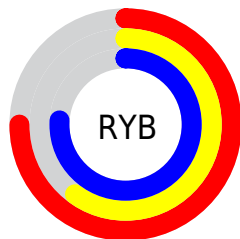
Distribution



Red (75%)

Green (60%)

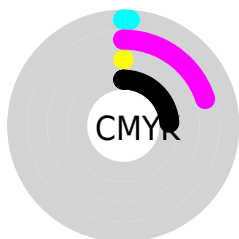
Blue (76%)



Red (75%)

Yellow (60%)

Blue (76%)

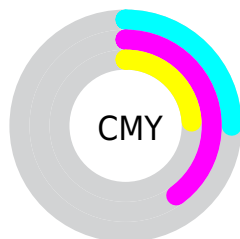


Cyan (1%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6671, 38.0378, 55.5453 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 42.6671, 38.0378, 55.5453 by changing the saturation by 10% instead.


 42.6671, 38.0378,
55.5453


 42.6671, 38.0378,
55.5453


348.1857,
337.7821, 425.3157

 29.8174, 26.0120,
39.4369


 78.4671, 72.1661,
99.8186

 19.8474, 16.8326,
26.7894


 102.1481, 95.0374,
128.8206

 12.3918, 10.1152,
17.1841

130.1703,
122.2926, 162.9576

 7.0852, 5.4754,
10.2025

162.8989,
154.3162, 202.6480

 3.5622, 2.5288,
5.4260

200.6994,
191.4926, 248.3105

 1.4576, 0.8910,
2.4363

243.9372,

 0.2967, 0.0000,

234.2061, 300.3636

0.8061

292.9775,
282.8411, 359.2259

■ 0.0000, 0.0000,
0.0000

■ 42.6671, 38.0378,
55.5453

■ 42.6671, 38.0378,
55.5453

■ 39.4866, 32.0445,
54.5567

■ 46.3637, 45.0596,
56.7064

■ 36.7944, 27.0258,
53.7299

■ 50.5958, 53.1505,
58.0450

■ 34.5652, 22.9305,
53.0569

■ 55.3859, 62.3549,
59.5692

■ 32.7699, 19.7009,
52.5281

■ 60.7543, 72.7135,
61.2857

■ 31.3766, 17.2724,
52.1328

■ 66.7202, 84.2646,
63.2008

■ 30.3484, 15.5718,
51.8588

■ 68.3957, 87.2324,
63.6853

■ 29.6419, 14.5123,
51.6915

■ 68.6556, 87.3664,
63.6975

■ 29.1791, 13.9304,
51.6036

■ 68.9173, 87.5012,
63.7097

■ 69.1806, 87.6370,
63.7221

Harmonies

Analogous

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



39.3460, 38.0378, 64.6429



42.6671, 38.0378, 55.5453



44.2551, 38.0378, 43.7006

Triad

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



42.6671, 38.0378, 55.5453



36.9427, 38.0378, 23.3154



29.6480, 38.0378, 50.9530

Complementary

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



42.6671, 38.0378, 55.5453



38.6143, 47.5419, 37.7150

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.



29.1069, 38.0378, 39.2138



42.6671, 38.0378, 55.5453



33.1391, 38.0378, 24.5501

Square

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



42.6671, 38.0378, 55.5453



40.7989, 38.0378, 26.1672



30.3395, 38.0378, 29.9134



31.8754, 38.0378, 61.6713

Rectangle

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



42.6671, 38.0378, 55.5453



44.0402, 38.0378, 36.3403



30.3395, 38.0378, 29.9134



29.2700, 38.0378, 46.9451

Sweetspot

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



42.6683, 38.0395, 55.5461



86.0348, 86.4226, 102.5070



34.9431, 34.7009, 55.3089



18.3522, 18.3397, 21.9579



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.



42.6683, 38.0395, 55.5461



73.9326, 63.4322, 98.7072



41.3955, 37.5888, 46.2010



10.4446, 10.2204, 12.7071



19.4285, 9.2762, 34.3231



0.8554, 0.4090, 1.4837

Inverse Universe

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



39.5499, 36.8506, 36.4825



67.4111, 60.9497, 58.6632



39.7388, 47.9474, 45.6398



10.0937, 10.0861, 10.5838



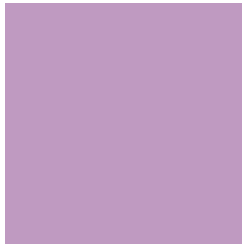
14.6726, 7.5588, 0.9222



0.6413, 0.3295, 0.0786

Previews

White Background



This preview shows how the XYZ color 42.6671, 38.0378, 55.5453 looks on a white background.

Color Contrast Check

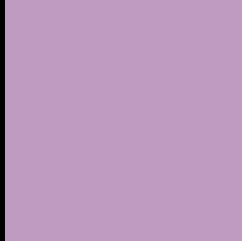
Large Text (above 18pt) WCAG AA × Fail

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 42.6671, 38.0378, 55.5453 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 42.6671, 38.0378, 55.5453

Background



This preview shows how black text looks on a background with the XYZ color 42.6671, 38.0378, 55.5453.



This preview shows how white text looks on a background with the XYZ color 42.6671, 38.0378,

55.5453.

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

42.6671, 38.0378, 55.5453

Protanopia

37.9810, 38.3495, 60.0440

Deuteranopia

38.9019, 38.1483, 54.6032



Tritanopia

40.2216, 38.0474, 43.2542

Trichromacy



Original Color

42.6671, 38.0378, 55.5453

Protanomaly

39.4005, 38.0670, 58.0944

Deuteranomaly

40.2727, 38.0670, 55.0942

Tritanomaly

41.0791, 38.1471, 47.3175

Monochromacy



Original Color

42.6671, 38.0378, 55.5453

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6714, 39.2302, 47.6008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6671, 38.0378, 55.5453 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(191, 154, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 154, 193)  
}
```

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(191, 154, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 154, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.6671, 38.0378, 55.5453 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(191, 154, 193) }
```


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

```
.border{ border-color:rgb(191, 154, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 154, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 154, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 154, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 154,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6671, 38.0378, 55.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 154, 193) }
```

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

```
.background{ background-color: rgb(191,  
154, 193) }
```

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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