

Converting Colors

XYZ(42.5766, 38.7139, 54.6631)

Have a look what the booklet for
XYZ(42.5766, 38.7139, 54.6631)
contains.

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Color

**XYZ(42.6961, 38.8227,
54.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9DBF
RGB	190, 157, 191
RGB Percent	75%, 62%, 75%
CMY	0.2549, 0.3843, 0.2510
CMYK	0.01, 0.18, 0.00, 0.25
HSL	298°, 21%, 68%
HSV	298°, 18%, 75%
XYZ	42.6961, 38.8227, 54.5334
YIQ	170.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

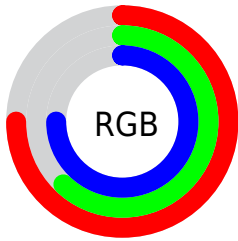
Format	Color
R_{YB}	190, 157, 191
Decimal	12492223
CIE _{Lab}	68.62, 18.18, -12.93
CIE _{LCh}	69, 22.306, 324.579
Yxy	38.8227, 0.3138, 0.2854
Android (android.graphics.Color)	4290682303 (0xFFBE9DBF)
YUV	170.7430, 9.9867, 16.8884
Hunter-Lab	62.3079, 13.2773, -8.2766

Details

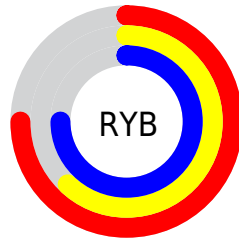
The XYZ color **42.6961, 38.8227, 54.5334** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8186, 46.9661, 38.9197**, and the grayscale version is **38.5292, 40.5357, 44.1434**.

A 20% lighter version of the original color is **78.6898, 73.5765, 98.0500**, and **19.8948, 17.3773, 26.3503** is the 20% darker color. If you saturate the color by 10%, you get **39.5742, 32.7862, 53.5334**, and if you desaturate by 10%, it is **46.3260, 45.8731, 55.7035**.

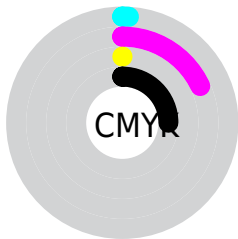
Distribution



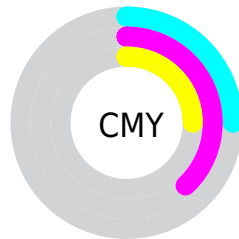
- Red (75%)
- Green (62%)
- Blue (75%)



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



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6961, 38.8227, 54.5334 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 42.6961, 38.8227, 54.5334 by changing the saturation by 10% instead.


 42.6961, 38.8227,
54.5334


 42.6961, 38.8227,
54.5334


348.3032,
341.1361, 421.3728

 29.8402, 26.6218,
38.6322


 78.5106, 73.3674,
98.3213

 19.8648, 17.2894,
26.1681

 102.2000, 96.4800,
127.0450

 12.4045, 10.4410,
16.7225


130.2313,
123.9986, 160.8800

 7.0939, 5.6924,
9.8770

162.9698,
156.3077, 200.2448

 3.5678, 2.6589,
5.2129

200.7809,
193.7916, 245.5579

 1.4606, 0.9564,
2.3118

244.0299,

 0.2988, 0.0000,

236.8347, 297.2379

0.7378

293.0822,
285.8214, 355.7034

■ 0.0000, 0.0000,
0.0000

■ 42.6961, 38.8227,
54.5334

■ 42.6961, 38.8227,
54.5334

■ 39.5742, 32.7862,
53.5334

■ 46.3260, 45.8731,
55.7035

■ 36.9335, 27.7119,
52.6931

■ 50.4823, 53.9762,
57.0485

■ 34.7498, 23.5508,
52.0050

■ 55.1868, 63.1748,
58.5761

■ 32.9956, 20.2479,
51.4600

■ 60.4589, 73.5079,
60.2927

■ 31.6404, 17.7422,
51.0477

■ 66.3172, 85.0126,
62.2046

■ 30.6496, 15.9646,
50.7568

■ 67.2513, 86.6680,
62.4749

■ 29.9829, 14.8342,
50.5738

■ 67.3952, 86.7422,
62.4816

■ 29.5797, 14.2303,
50.4785

■ 67.5396, 86.8166,
62.4883

■ 29.5042, 14.1236,
50.4619

■ 67.6845, 86.8914,
62.4951

Harmonies

Analogous

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



39.7879, 38.8227, 62.4676



42.6961, 38.8227, 54.5334



44.0579, 38.8227, 44.1296

Triad

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



42.6961, 38.8227, 54.5334



37.5431, 38.8227, 25.7586



31.0795, 38.8227, 50.8595

Complementary

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



42.6961, 38.8227, 54.5334



38.8186, 46.9661, 38.9197

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.



30.5623, 38.8227, 40.4660



42.6961, 38.8227, 54.5334



34.1550, 38.8227, 26.9777

Square

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



42.6961, 38.8227, 54.5334



40.9641, 38.8227, 28.3584



31.6534, 38.8227, 32.0007



33.1136, 38.8227, 60.1212

Rectangle

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



42.6961, 38.8227, 54.5334



43.8470, 38.8227, 37.5765



31.6534, 38.8227, 32.0007



30.7281, 38.8227, 47.3418

Sweetspot

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



42.6973, 38.8244, 54.5342



84.8988, 85.9153, 100.3878



35.5600, 35.4309, 54.2554



18.5307, 18.6474, 22.0079



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.



42.6973, 38.8244, 54.5342



74.3926, 65.5103, 97.0030



41.2951, 38.2925, 45.8422



9.9015, 9.6816, 12.0191



19.4021, 9.2882, 33.1631



0.7688, 0.3684, 1.2994

Inverse Universe

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



39.7158, 37.6607, 37.5258



68.1582, 63.0787, 61.3670



40.0667, 47.4427, 46.5146



9.5412, 9.5408, 9.9732



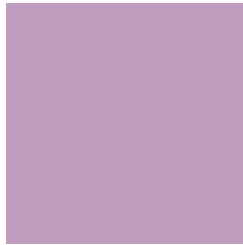
14.1457, 7.2894, 0.7950



0.5580, 0.2871, 0.0519

Previews

White Background



This preview shows how the XYZ color 42.6961, 38.8227, 54.5334 looks on a white background.

Color Contrast Check

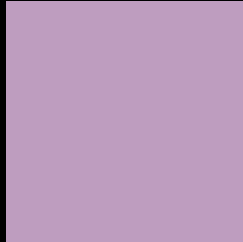
Large Text (above 18pt) WCAG AA × Fail

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 42.6961, 38.8227, 54.5334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

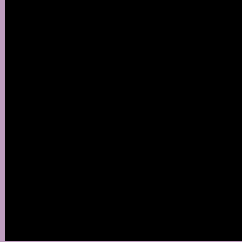
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6961, 38.8227, 54.5334

Background



This preview shows how black text looks on a background with the XYZ color 42.6961, 38.8227, 54.5334.



This preview shows how white text looks on a background with the XYZ color 42.6961, 38.8227,

54.5334.

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

42.6961, 38.8227, 54.5334

Protanopia

38.6146, 38.9850, 58.3130

Deuteranopia

39.6250, 38.7963, 54.1152



Tritanopia

40.6071, 38.7235, 44.8693

Trichromacy



Original Color

42.6961, 38.8227, 54.5334

Protanomaly

39.9608, 38.9052, 57.0330

Deuteranomaly

40.6295, 38.7911, 54.0612

Tritanomaly

41.3754, 38.7829, 48.4852

Monochromacy



Original Color

42.6961, 38.8227, 54.5334

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.0322, 39.9518, 47.7210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6961, 38.8227, 54.5334 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(190, 157, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 191)  
}
```

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(190, 157, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 191) }
```

Border

The CSS property to change the border of an element to XYZ 42.6961, 38.8227, 54.5334 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(190, 157, 191) }
```


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

```
.border{ border-color:rgb(190, 157, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6961, 38.8227, 54.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 191) }
```

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

```
.background{ background-color: rgb(190,  
157, 191) }
```

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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