

Converting Colors

XYZ(42.2531, 38.3186, 55.6213)

Have a look what the booklet for
XYZ(42.2531, 38.3186, 55.6213)
contains.

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Color

**XYZ(42.2531, 38.3186,
55.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9CC1
RGB	188, 156, 193
RGB Percent	74%, 61%, 76%
CMY	0.2627, 0.3882, 0.2431
CMYK	0.03, 0.19, 0.00, 0.24
HSL	292°, 23%, 68%
HSV	292°, 19%, 76%
XYZ	42.2531, 38.3186, 55.6213
YIQ	169.7860, 7.1950, 18.2910

Conversions

Conversions Part 2

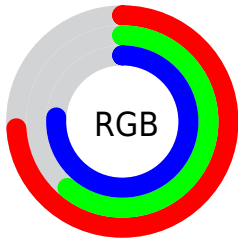
Format	Color
RYB	188, 156, 193
Decimal	12360897
CIELab	68.25, 18.43, -14.61
CIELCh	68, 23.523, 321.598
Yxy	38.3186, 0.3102, 0.2814
Android (android.graphics.Color)	4290550977 (0xFFBC9CC1)
YUV	169.7860, 11.4445, 15.9737
Hunter-Lab	61.9020, 13.5121, -9.9429

Details

The XYZ color **42.2531, 38.3186, 55.6213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7701, 48.1183, 38.6462**, and the grayscale version is **38.0453, 40.0266, 43.5890**.

A 20% lighter version of the original color is **77.7014, 72.6612, 99.5522**, and **19.5433, 17.0356, 26.6842** is the 20% darker color. If you saturate the color by 10%, you get **38.6319, 32.0209, 54.5972**, and if you desaturate by 10%, it is **46.4028, 45.6547, 56.8192**.

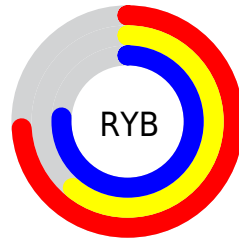
Distribution



Red (74%)

Green (61%)

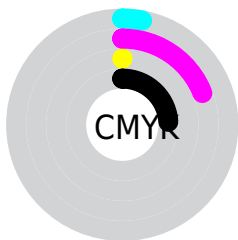
Blue (76%)



Red (74%)

Yellow (61%)

Blue (76%)

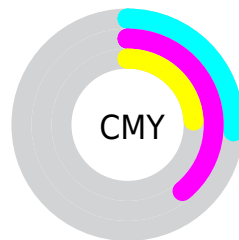


Cyan (3%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2531, 38.3186, 55.6213 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 42.2531, 38.3186, 55.6213 by changing the saturation by 10% instead.

■ 42.2531, 38.3186,
55.6213

■ 42.2531, 38.3186,
55.6213

346.5049,
338.9847, 425.6109

■ 29.4915, 26.2301,
39.4974

■ 77.8453, 72.5962,
99.9309

■ 19.5991, 16.9958,
26.8361

■ 101.4066, 95.5541,
128.9537

■ 12.2105, 10.2315,
17.2188

129.2985,
122.9038, 163.1133

■ 6.9604, 5.5527,
10.2270

161.8864,
155.0298, 202.8281

■ 3.4835, 2.5751,
5.4422

199.5357,
192.3165, 248.5168

■ 1.4143, 0.9142,
2.4457

242.6116,

■ 0.2664, 0.0000,

235.1483, 300.5977

0.8112

291.4795,
283.9096, 359.4896

■ 0.0000, 0.0000,
0.0000

■ 42.2531, 38.3186,
55.6213

■ 42.2531, 38.3186,
55.6213

■ 38.6319, 32.0209,
54.5972

■ 46.4028, 45.6547,
56.8192

■ 35.5114, 26.7082,
53.7362

■ 51.1003, 54.0697,
58.1958

■ 32.8666, 22.3296,
53.0304

■ 56.3679, 63.6077,
59.7592

■ 30.6687, 18.8280,
52.4704

■ 62.2261, 74.3091,
61.5160

■ 28.8858, 16.1396,
52.0454

■ 68.6938, 86.2121,
63.4727

■ 27.4819, 14.1921,
51.7435

■ 70.1920, 88.1584,
63.7694

■ 26.4142, 12.9005,
51.5505

■ 70.9114, 88.5293,
63.8031

■ 25.6079, 12.1153,
51.4414

■ 71.6428, 88.9063,
63.8373

■ 25.5447, 12.0568,
51.4335

■ 72.3863, 89.2896,
63.8721

Harmonies

Analogous

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



39.0883, 38.3186, 63.5473



42.2531, 38.3186, 55.6213



43.8800, 38.3186, 44.7545

Triad

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



42.2531, 38.3186, 55.6213



37.4645, 38.3186, 24.7122



30.2288, 38.3186, 49.6367

Complementary

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



42.2531, 38.3186, 55.6213



39.7701, 48.1183, 38.6462

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.



29.8586, 38.3186, 38.8305



42.2531, 38.3186, 55.6213



33.8772, 38.3186, 25.5722

Square

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



42.2531, 38.3186, 55.6213



40.9960, 38.3186, 27.7691



31.1513, 38.3186, 30.3563



32.1991, 38.3186, 59.7071

Rectangle

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



42.2531, 38.3186, 55.6213



43.8024, 38.3186, 37.7787



31.1513, 38.3186, 30.3563



29.9187, 38.3186, 45.9315

Sweetspot

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



42.2543, 38.3203, 55.6221



85.5877, 86.1921, 102.4861



36.1788, 36.6025, 55.6108



18.2460, 18.2850, 21.9530



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.



42.2543, 38.3203, 55.6221



72.8456, 63.6818, 98.8127



42.1253, 38.4135, 48.4022



10.3591, 10.1763, 12.7031



17.0394, 8.0446, 34.2113



0.7740, 0.3671, 1.4799

Inverse Universe

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



40.3152, 37.6894, 38.8702



68.7788, 62.3699, 63.1741



39.9384, 48.0715, 44.6869



10.1274, 10.0996, 10.7614



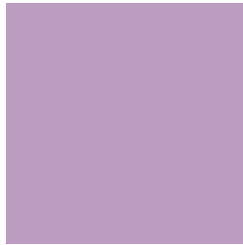
14.7695, 7.5976, 1.4326



0.6566, 0.3356, 0.1588

Previews

White Background



This preview shows how the XYZ color 42.2531, 38.3186, 55.6213 looks on a white background.

Color Contrast Check

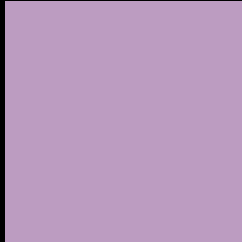
Large Text (above 18pt) WCAG AA × Fail

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 42.2531, 38.3186, 55.6213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

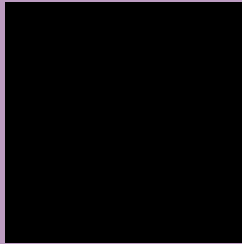
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2531, 38.3186, 55.6213

Background



This preview shows how black text looks on a background with the XYZ color 42.2531, 38.3186, 55.6213.



This preview shows how white text looks on a background with the XYZ color 42.2531, 38.3186,

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

42.2531, 38.3186, 55.6213

Protanopia

38.0620, 38.4047, 59.4396

Deuteranopia

39.2293, 38.3044, 55.1950



Tritanopia

40.0248, 38.4345, 44.3388

Trichromacy



Original Color

42.2531, 38.3186, 55.6213

Protanomaly

39.5759, 38.4179, 58.1528

Deuteranomaly

40.2167, 38.2945, 55.1411

Tritanomaly

40.8861, 38.5307, 48.4623

Monochromacy



Original Color

42.2531, 38.3186, 55.6213

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6225, 39.4717, 47.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2531, 38.3186, 55.6213 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, 156, 193)` looks like.

```
.text, #text, p{  
    color:rgb(188, 156, 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(188, 156, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 156, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.2531, 38.3186, 55.6213 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, 156, 193) }
```


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

```
.border{ border-color:rgb(188, 156, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 156, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 156, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 156, 193);  
box-shadow:4px 4px 4px 4px rgb(188, 156,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2531, 38.3186, 55.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 156, 193) }
```

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

```
.background{ background-color: rgb(188,  
156, 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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