

Converting Colors

XYZ(42.4487, 37.9536, 60.1532)

Have a look what the booklet for
XYZ(42.4487, 37.9536, 60.1532)
contains.

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Color

**XYZ(42.5137, 38.0988,
60.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9BC9
RGB	186, 155, 201
RGB Percent	73%, 61%, 79%
CMY	0.2706, 0.3921, 0.2118
CMYK	0.07, 0.23, 0.00, 0.21
HSL	280°, 30%, 70%
HSV	280°, 23%, 79%
XYZ	42.5137, 38.0988, 60.3714
YIQ	169.5130, 3.7100, 20.8780

Conversions

Conversions Part 2

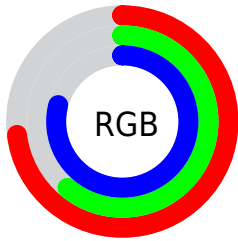
Format	Color
R _Y B	186, 155, 201
Decimal	12229577
CIE Lab	68.09, 19.91, -19.32
CIE LCh	68, 27.743, 315.870
Yxy	38.0988, 0.3016, 0.2702
Android (android.graphics.Color)	4290419657 (0xFFBA9BC9)
YUV	169.5130, 15.5231, 14.4591
Hunter-Lab	61.7242, 14.9278, -14.7836

Details

The XYZ color **42.5137, 38.0988, 60.3714** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.3817, 52.6868, 38.8952**, and the grayscale version is **37.8913, 39.8646, 43.4126**.

A 20% lighter version of the original color is **77.7145, 72.1904, 104.4459**, and **19.7325, 16.9127, 29.8282** is the 20% darker color. If you saturate the color by 10%, you get **37.8873, 31.1553, 59.2756**, and if you desaturate by 10%, it is **47.7723, 46.1968, 61.6579**.

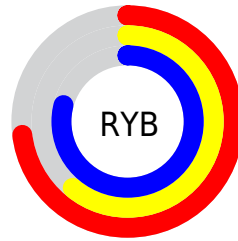
Distribution



Red (73%)

Green (61%)

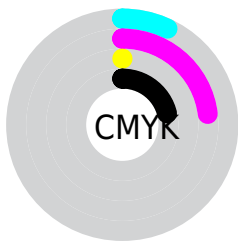
Blue (79%)



Red (73%)

Yellow (61%)

Blue (79%)

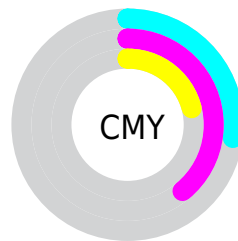


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (27%)


Magenta (39%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5137, 38.0988, 60.3714 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 42.5137, 38.0988, 60.3714 by changing the saturation by 10% instead.

 42.5137, 38.0988,
60.3714

 42.5137, 38.0988,
60.3714


347.5635,
338.0436, 443.8080

 29.6966, 26.0594,
43.2908


 78.2368, 72.2595,
106.9169

 19.7553, 16.8681,
29.7803


 101.8735, 95.1497,
137.2189

 12.3246, 10.1405,
19.4212


129.8475,
122.4255, 172.7650

 7.0389, 5.4922,
11.7952

162.5241,
154.4714, 213.9740

 3.5330, 2.5388,
6.4835

200.2686,
191.6717, 261.2642

 1.4415, 0.8960,
3.0677

243.4464,

 0.2855, 0.0000,

234.4109, 315.0542

1.1293

292.4230,
283.0734, 375.7627

■ 0.0000, 0.0000,
0.0000

■ 42.5137, 38.0988,
60.3714

■ 42.5137, 38.0988,
60.3714

■ 37.8873, 31.1553,
59.2756

■ 47.7723, 46.1968,
61.6579

■ 33.8611, 25.3059,
58.3587

■ 53.6861, 55.4961,
63.1411

■ 30.4053, 20.4919,
57.6117

■ 60.2814, 66.0469,
64.8301

■ 27.4862, 16.6470,
57.0234

■ 67.5816, 77.8952,
66.7322

■ 25.0658, 13.6973,
56.5816

■ 75.4481, 90.7621,
68.8012

■ 23.1009, 11.5575,
56.2722

■ 77.4564, 91.7974,
68.8952

■ 21.5396, 10.1254,
56.0780

■ 79.5432, 92.8732,
68.9928

■ 20.6082, 9.4060,
55.9883

■ 81.7094, 93.9899,
69.0942

■ 83.9558, 95.1479,
69.1993

Harmonies

Analogous

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



38.5334, 38.0988, 68.8633



42.5137, 38.0988, 60.3714



44.8884, 38.0988, 47.5724

Triad

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



42.5137, 38.0988, 60.3714



38.2798, 38.0988, 22.4104



28.7882, 38.0988, 48.3415

Complementary

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



42.5137, 38.0988, 60.3714



43.3817, 52.6868, 38.8952

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.



28.7321, 38.0988, 35.9369



42.5137, 38.0988, 60.3714



33.9853, 38.0988, 22.5348

Square

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



42.5137, 38.0988, 60.3714



42.3154, 38.0988, 26.6310



30.5656, 38.0988, 27.0132



30.7252, 38.0988, 61.0301

Rectangle

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



42.5137, 38.0988, 60.3714



45.1288, 38.0988, 39.0952



30.5656, 38.0988, 27.0132



28.5543, 38.0988, 43.9663

Sweetspot

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



42.5149, 38.1004, 60.3722



87.5085, 88.0480, 106.9905



38.4989, 40.0617, 60.9625



18.5971, 18.6360, 22.8669



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.5149, 38.1004, 60.3722



69.0978, 59.6489, 102.4793



45.4727, 39.7268, 55.9195



10.7339, 10.6366, 13.4048



13.0571, 5.9654, 35.2076



0.6920, 0.3205, 1.6705

Inverse Universe

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



43.0656, 38.7640, 43.2440



70.2898, 61.0248, 68.1372



40.9865, 51.3752, 42.2517



10.7741, 10.6930, 11.7936



15.7929, 8.0667, 4.1191



0.7813, 0.3954, 0.3716

Previews

White Background



This preview shows how the XYZ color 42.5137, 38.0988, 60.3714 looks on a white background.

Color Contrast Check

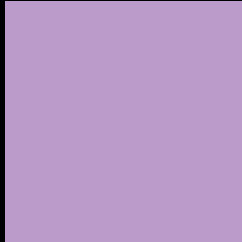
Large Text (above 18pt) WCAG AA × Fail

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 42.5137, 38.0988, 60.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

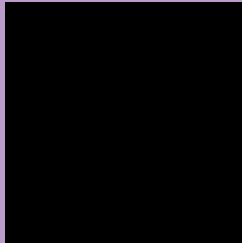
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5137, 38.0988, 60.3714

Background



This preview shows how black text looks on a background with the XYZ color 42.5137, 38.0988, 60.3714.



This preview shows how white text looks on a background with the XYZ color 42.5137, 38.0988,

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

42.5137, 38.0988, 60.3714

Protanopia

38.3709, 38.1729, 65.0203

Deuteranopia

39.0715, 38.1178, 59.9418



Tritanopia

39.4050, 38.1038, 44.8131

Trichromacy



Original Color

42.5137, 38.0988, 60.3714

Protanomaly

39.7007, 38.1130, 63.0217

Deuteranomaly

40.0570, 37.8506, 59.8383

Tritanomaly

40.3025, 37.9399, 49.9987

Monochromacy



Original Color

42.5137, 38.0988, 60.3714

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.7001, 39.4766, 49.2434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5137, 38.0988, 60.3714 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(186, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 201)  
}
```

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(186, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 201) }
```

Border

The CSS property to change the border of an element to XYZ 42.5137, 38.0988, 60.3714 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(186, 155, 201) }
```


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

```
.border{ border-color:rgb(186, 155, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5137, 38.0988, 60.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 201) }
```

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

```
.background{ background-color: rgb(186,  
155, 201) }
```

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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