

Converting Colors

XYZ(42.4224, 38.7481, 63.0029)

Have a look what the booklet for
XYZ(42.4224, 38.7481, 63.0029)
contains.

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Color

**XYZ(42.5377, 38.8066,
63.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	B69ECD
RGB	182, 158, 205
RGB Percent	71%, 62%, 80%
CMY	0.2863, 0.3804, 0.1961
CMYK	0.11, 0.23, 0.00, 0.20
HSL	271°, 32%, 71%
HSV	271°, 23%, 80%
XYZ	42.5377, 38.8066, 63.0060
YIQ	170.5340, -0.7830, 19.7050

Conversions

Conversions Part 2

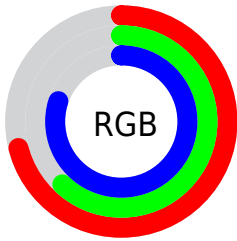
Format	Color
RYB	182, 158, 205
Decimal	11968205
CIELab	68.61, 17.75, -20.78
CIELCh	69, 27.333, 310.508
Yxy	38.8066, 0.2947, 0.2688
Android (android.graphics.Color)	4290158285 (0xFFB69ECD)
YUV	170.5340, 16.9917, 10.0557
Hunter-Lab	62.2949, 12.8714, -16.3603

Details

The XYZ color **42.5377, 38.8066, 63.0060** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0603, 55.9560, 40.6698**, and the grayscale version is **38.3941, 40.3936, 43.9886**.

A 20% lighter version of the original color is **77.1041, 72.9856, 104.6316**, and **19.8969, 17.4169, 31.5913** is the 20% darker color. If you saturate the color by 10%, you get **37.0436, 31.2100, 61.8299**, and if you desaturate by 10%, it is **48.7873, 47.6605, 64.3862**.

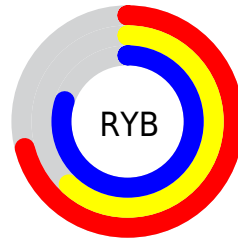
Distribution



Red (71%)

Green (62%)

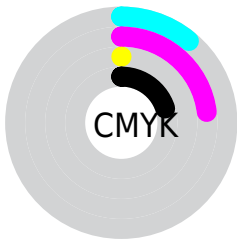
Blue (80%)



Red (71%)

Yellow (62%)

Blue (80%)

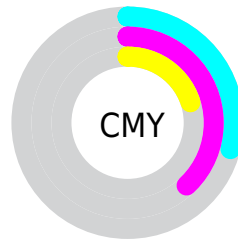


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5377, 38.8066, 63.0060 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 42.5377, 38.8066, 63.0060 by changing the saturation by 10% instead.

■ 42.5377, 38.8066,
63.0060

■ 42.5377, 38.8066,
63.0060

347.6609,
341.0675, 453.6998

■ 29.7155, 26.6093,
45.4050

■ 78.2728, 73.3428,
110.7638

■ 19.7697, 17.2800,
31.4313

■ 101.9165, 96.4504,
141.7578

■ 12.3351, 10.4343,
20.6663

129.8980,
123.9637, 178.0531

■ 7.0461, 5.6879,
12.6914

162.5827,
156.2669, 220.0684

■ 3.5376, 2.6562,
7.0882

200.3360,
193.7445, 268.2222

■ 1.4440, 0.9550,
3.4380

243.5233,

■ 0.2872, 0.0000,

236.7809, 322.9330

1.3224

292.5098,
285.7604, 384.6193

■ 0.0000, 0.0000,
0.0801

■ 0.0000, 0.0000,
0.0000

■ 42.5377, 38.8066,
63.0060

■ 42.5377, 38.8066,
63.0060

■ 37.0436, 31.2100,
61.8299

■ 48.7873, 47.6605,
64.3862

■ 32.2688, 24.8061,
60.8455

■ 55.8190, 57.8224,
65.9770

■ 28.1796, 19.5320,
60.0430

■ 63.6626, 69.3461,
67.7879

■ 24.7377, 15.3167,
59.4108

■ 72.3452, 82.2809,
69.8270

■ 21.9006, 12.0810,
58.9357

■ 80.1112, 93.1109,
71.5081

■ 19.6196, 9.7337,
58.6029

■ 83.4646, 94.8397,
71.6650

■ 17.8370, 8.1657,
58.3942

■ 87.0069, 96.6658,
71.8308

■ 16.8075, 7.3916,
58.2990

■ 88.0196, 97.1878,
71.8782

Harmonies

Analogous

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



38.4177, 38.8066, 70.1718



42.5377, 38.8066, 63.0060



45.2675, 38.8066, 50.6844

Triad

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



42.5377, 38.8066, 63.0060



39.7214, 38.8066, 23.5863



29.3168, 38.8066, 46.7349

Complementary

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



42.5377, 38.8066, 63.0060



47.0603, 55.9560, 40.6698

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.



29.6062, 38.8066, 34.8141



42.5377, 38.8066, 63.0060



35.3927, 38.8066, 22.9396

Square

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



42.5377, 38.8066, 63.0060



43.5558, 38.8066, 28.6280



31.7558, 38.8066, 26.6464



30.9317, 38.8066, 59.6346

Rectangle

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



42.5377, 38.8066, 63.0060



45.8141, 38.8066, 42.0435



31.7558, 38.8066, 26.6464



29.1979, 38.8066, 42.4648

Sweetspot

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



42.5389, 38.8082, 63.0069



86.4766, 87.5160, 106.9422



41.7471, 44.9298, 64.2302



18.3580, 18.5128, 22.8557



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.



42.5389, 38.8082, 63.0069



64.6404, 56.5598, 102.1180



48.4242, 41.8422, 63.2823



11.1388, 11.1208, 14.1298



10.5733, 4.6583, 36.2981



0.6329, 0.2854, 1.8767

Inverse Universe

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



45.7455, 40.7707, 49.1763



71.0234, 60.4654, 74.6294



42.1048, 53.4013, 40.4379



11.4373, 11.3037, 12.8374



17.1630, 8.6758, 8.5771



0.9237, 0.4629, 0.6442

Previews

White Background



This preview shows how the XYZ color 42.5377, 38.8066, 63.0060 looks on a white background.

Color Contrast Check

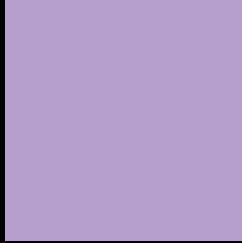
Large Text (above 18pt) WCAG AA × Fail

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 42.5377, 38.8066, 63.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

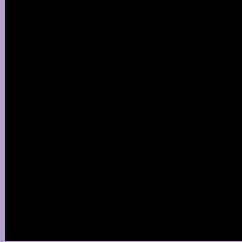
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5377, 38.8066, 63.0060

Background



This preview shows how black text looks on a background with the XYZ color 42.5377, 38.8066, 63.0060.



This preview shows how white text looks on a background with the XYZ color 42.5377, 38.8066,

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

42.5377, 38.8066, 63.0060

Protanopia

39.1737, 39.0937, 66.4539

Deuteranopia

39.9004, 39.0175, 62.5549



Tritanopia

39.0651, 38.6761, 46.4806

Trichromacy



Original Color

42.5377, 38.8066, 63.0060

Protanomaly

40.2082, 38.8554, 65.0552

Deuteranomaly

40.8327, 38.9710, 62.4968

Tritanomaly

40.3049, 38.6613, 52.3518

Monochromacy



Original Color

42.5377, 38.8066, 63.0060

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8627, 39.8053, 50.3819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5377, 38.8066, 63.0060 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(182, 158, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 205)  
}
```

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(182, 158, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 205) }
```

Border

The CSS property to change the border of an element to XYZ 42.5377, 38.8066, 63.0060 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(182, 158, 205) }
```


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

```
.border{ border-color:rgb(182, 158, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 158, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 158, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 158, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 158,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5377, 38.8066, 63.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 205) }
```

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

```
.background{ background-color: rgb(182,  
158, 205) }
```

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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