

Converting Colors

XYZ(42.7531, 41.8703, 61.7056)

Have a look what the booklet for
XYZ(42.7531, 41.8703, 61.7056)
contains.

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Color

**XYZ(42.7531, 41.8703,
61.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A9CA
RGB	176, 169, 202
RGB Percent	69%, 66%, 79%
CMY	0.3098, 0.3372, 0.2078
CMYK	0.13, 0.16, 0.00, 0.21
HSL	253°, 24%, 73%
HSV	253°, 16%, 79%
XYZ	42.7531, 41.8703, 61.7056
YIQ	174.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

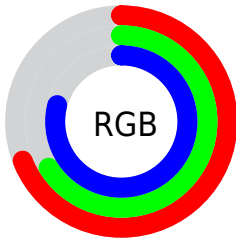
Format	Color
R _Y B	176, 169, 202
Decimal	11577802
CIE Lab	70.78, 9.04, -15.88
CIE LCh	71, 18.278, 299.653
Yxy	41.8703, 0.2922, 0.2861
Android (android.graphics.Color)	4289767882 (0xFFB0A9CA)
YUV	174.8550, 13.3825, 1.0042
Hunter-Lab	64.7073, 4.7000, -11.2445

Details

The XYZ color **42.7531, 41.8703, 61.7056** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7892, 56.7089, 45.8071**, and the grayscale version is **40.6090, 42.7239, 46.5263**.

A 20% lighter version of the original color is **77.9844, 77.6871, 105.4926**, and **19.8750, 19.0717, 30.6506** is the 20% darker color. If you saturate the color by 10%, you get **35.8915, 33.1796, 60.3904**, and if you desaturate by 10%, it is **50.6198, 51.9432, 63.2359**.

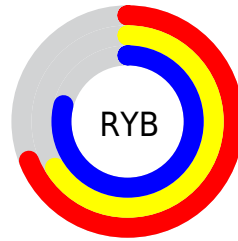
Distribution



Red (69%)

Green (66%)

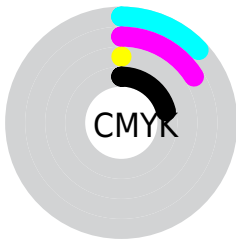
Blue (79%)



Red (69%)

Yellow (66%)

Blue (79%)

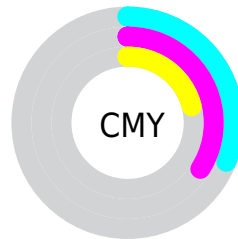


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (34%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7531, 41.8703, 61.7056 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 42.7531, 41.8703, 61.7056 by changing the saturation by 10% instead.

■ 42.7531, 41.8703,
61.7056

■ 42.7531, 41.8703,
61.7056

348.5342,
353.9450, 448.8344

■ 29.8851, 28.9997,
44.3606

■ 78.5962, 78.0033,
108.8674

■ 19.8990, 19.0806,
30.6148

102.3020,
102.0345, 139.5213

■ 12.4295, 11.7286,
20.0497

130.3511,
130.5548, 175.4485

■ 7.1112, 6.5591,
12.2468

163.1090,
163.9484, 217.0677

■ 3.5787, 3.1879,
6.7874

200.9408,
202.5999, 264.7973

■ 1.4667, 1.2306,
3.2531

244.2121,

■ 0.3030, 0.0865,

246.8935, 319.0560

1.2253

293.2881,
297.2138, 380.2621

■ 0.0000, 0.0000,
0.0000

■ 42.7531, 41.8703,
61.7056

■ 42.7531, 41.8703,
61.7056

■ 35.8915, 33.1796,
60.3904

■ 50.6198, 51.9432,
63.2359

■ 29.9901, 25.8052,
59.2781

■ 59.5264, 63.4498,
64.9875

■ 25.0062, 19.6836,
58.3592

■ 69.5109, 76.4455,
66.9697

■ 20.8922, 14.7441,
57.6226

■ 80.6079, 90.9811,
69.1904

■ 17.5963, 10.9086,
57.0560

■ 87.6608, 97.0443,
69.9890

■ 15.0607, 8.0897,
56.6455

■ 13.2195, 6.1859,
56.3751

■ 11.9920, 5.0698,
56.2243

■ 11.6503, 4.7744,
56.1853

Harmonies

Analogous

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



39.7611, 41.8703, 64.4214



42.7531, 41.8703, 61.7056



45.0463, 41.8703, 54.5629

Triad

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



42.7531, 41.8703, 61.7056



42.8174, 41.8703, 32.6376



34.2430, 41.8703, 45.4884

Complementary

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



42.7531, 41.8703, 61.7056



50.7892, 56.7089, 45.8071

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.



34.9712, 41.8703, 37.6584



42.7531, 41.8703, 61.7056



39.8318, 41.8703, 30.8399

Square

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



42.7531, 41.8703, 61.7056



45.0847, 41.8703, 37.8130



36.9794, 41.8703, 32.5567



34.9388, 41.8703, 54.3654

Rectangle

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



42.7531, 41.8703, 61.7056



45.8158, 41.8703, 48.6570



36.9794, 41.8703, 32.5567



34.3288, 41.8703, 42.6540

Sweetspot

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



42.7544, 41.8720, 61.7065



87.5167, 90.2774, 107.4204



46.6291, 51.9103, 63.4399



18.5134, 19.0414, 22.9495



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.



42.7544, 41.8720, 61.7065



67.6130, 64.8249, 103.5566



46.6136, 43.8615, 61.8871



10.8204, 10.9567, 14.1149



7.5583, 3.1040, 36.1570



0.4554, 0.1939, 1.8684

Inverse Universe

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



48.3969, 44.8744, 57.7427



79.1900, 70.9886, 95.2634



46.8506, 54.6785, 45.6228



11.5817, 11.3614, 13.5978



19.7432, 9.7079, 22.1640



1.0447, 0.5113, 1.2812

Previews

White Background



This preview shows how the XYZ color 42.7531, 41.8703, 61.7056 looks on a white background.

Color Contrast Check

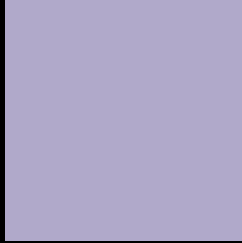
Large Text (above 18pt) WCAG AA × Fail

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 42.7531, 41.8703, 61.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

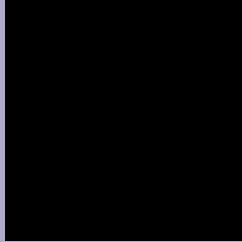
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7531, 41.8703, 61.7056

Background



This preview shows how black text looks on a background with the XYZ color 42.7531, 41.8703, 61.7056.



This preview shows how white text looks on a background with the XYZ color 42.7531, 41.8703,

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

42.7531, 41.8703, 61.7056

Protanopia

41.5880, 42.0802, 63.0571

Deuteranopia

42.7531, 41.8703, 61.7056



Tritanopia

40.7431, 41.8921, 51.8375

Trichromacy



Original Color

42.7531, 41.8703, 61.7056

Protanomaly

41.9200, 41.9837, 62.3942

Deuteranomaly

42.7531, 41.8703, 61.7056

Tritanomaly

41.4224, 41.8861, 55.1918

Monochromacy



Original Color

42.7531, 41.8703, 61.7056

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3797, 42.5039, 51.9221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7531, 41.8703, 61.7056 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(176, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 202)  
}
```

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(176, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 202) }
```

Border

The CSS property to change the border of an element to XYZ 42.7531, 41.8703, 61.7056 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(176, 169, 202) }
```


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

```
.border{ border-color:rgb(176, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(176, 169,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7531, 41.8703, 61.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 202) }
```

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

```
.background{ background-color: rgb(176,  
169, 202) }
```

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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