

Converting Colors

XYZ(42.9263, 41.1121, 72.6913)

Have a look what the booklet for
XYZ(42.9263, 41.1121, 72.6913)
contains.

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Color

**XYZ(42.9671, 41.1869,
72.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A7DB
RGB	169, 167, 219
RGB Percent	66%, 65%, 86%
CMY	0.3372, 0.3451, 0.1412
CMYK	0.23, 0.24, 0.00, 0.14
HSL	242°, 42%, 76%
HSV	242°, 24%, 86%
XYZ	42.9671, 41.1869, 72.7031
YIQ	173.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

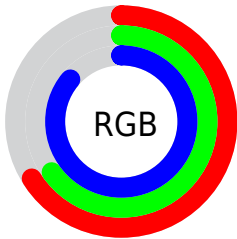
Format	Color
RYB	169, 167, 219
Decimal	11118555
CIELab	70.31, 11.73, -26.00
CIELCh	70, 28.525, 294.275
Yxy	41.1869, 0.2739, 0.2626
Android (android.graphics.Color)	4289308635 (0xFFA9A7DB)
YUV	173.5260, 22.4187, -3.9693
Hunter-Lab	64.1770, 7.1976, -22.2429

Details

The XYZ color **42.9671, 41.1869, 72.7031** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.9230, 68.2057, 46.5150**, and the grayscale version is **39.8848, 41.9619, 45.6965**.

A 20% lighter version of the original color is **75.2226, 75.4701, 105.2103**, and **20.0340, 18.6548, 37.6668** is the 20% darker color. If you saturate the color by 10%, you get **35.1302, 31.6877, 71.2833**, and if you desaturate by 10%, it is **52.2136, 52.4232, 74.3853**.

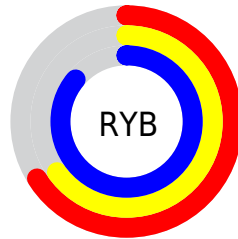
Distribution



Red (66%)

Green (65%)

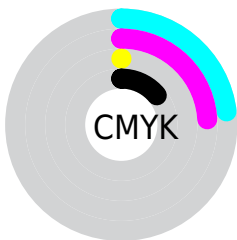
Blue (86%)



Red (66%)

Yellow (65%)

Blue (86%)

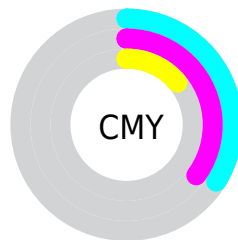


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (34%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9671, 41.1869, 72.7031 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 42.9671, 41.1869, 72.7031 by changing the saturation by 10% instead.

■ 42.9671, 41.1869,
72.7031

■ 42.9671, 41.1869,
72.7031

349.4003,
351.1012, 489.0283

■ 30.0537, 28.4652,
53.2429

■ 78.9172, 76.9675,
124.7726

■ 20.0276, 18.6766,
37.6076

■ 102.6847,
100.7952, 158.2190

■ 12.5235, 11.4368,
25.3788

130.8009,
129.0937, 197.1646

■ 7.1760, 6.3615,
16.1380

163.6312,
162.2473, 242.0278

■ 3.6197, 3.0661,
9.4664

201.5409,
200.6404, 293.2272

■ 1.4893, 1.1663,
4.9457

244.8954,

■ 0.3186, 0.0340,

244.6575, 351.1815

2.1572

294.0601,
294.6830, 416.3090

■ 0.0000, 0.0000,
0.6495

■ 0.0000, 0.0000,
0.0000

■ 42.9671, 41.1869,
72.7031

■ 42.9671, 41.1869,
72.7031

■ 35.1302, 31.6877,
71.2833

■ 52.2136, 52.4232,
74.3853

■ 28.6300, 23.8343,
70.1100

■ 62.9299, 65.4720,
76.3391

■ 23.3930, 17.5345,
69.1701

■ 75.1776, 80.4102,
78.5770

■ 19.3370, 12.6854,
68.4479

■ 89.0137, 97.3089,
81.1095

■ 16.3701, 9.1711,
67.9259

■ 89.7863, 97.8945,
81.1818

■ 14.3871, 6.8585,
67.5841

■ 13.2614, 5.5867,
67.3979

■ 12.8917, 5.1689,
67.3368

Harmonies

Analogous

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



38.2555, 41.1869, 75.7132



42.9671, 41.1869, 72.7031



46.9222, 41.1869, 61.6527

Triad

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



42.9671, 41.1869, 72.7031



44.6439, 41.1869, 26.9975



30.8528, 41.1869, 42.3219

Complementary

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



42.9671, 41.1869, 72.7031



60.9230, 68.2057, 46.5150

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.



32.2818, 41.1869, 31.4094



42.9671, 41.1869, 72.7031



40.0521, 41.1869, 23.7674

Square

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



42.9671, 41.1869, 72.7031



47.9431, 41.1869, 35.0562



35.5601, 41.1869, 25.2046



31.4983, 41.1869, 56.3061

Rectangle

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



42.9671, 41.1869, 72.7031



48.4707, 41.1869, 52.2045



35.5601, 41.1869, 25.2046



31.1028, 41.1869, 38.2128

Sweetspot

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



42.9684, 41.1886, 72.7040



83.5826, 86.0241, 106.8068



53.6053, 63.0943, 76.3716



17.6892, 18.1680, 22.8244



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.



42.9684, 41.1886, 72.7040



55.4412, 51.8174, 101.6874



49.0431, 44.3201, 72.9883



12.3847, 12.6409, 16.4393



7.6651, 3.0757, 39.9281



0.5133, 0.2079, 2.5875

Inverse Universe

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



55.5577, 47.7088, 71.9274



75.9086, 62.4195, 100.3547



53.8607, 64.5650, 46.1844



13.5916, 13.2658, 16.3767



24.2726, 11.7101, 37.4110



1.5794, 0.7614, 2.4599

Previews

White Background



This preview shows how the XYZ color 42.9671, 41.1869, 72.7031 looks on a white background.

Color Contrast Check

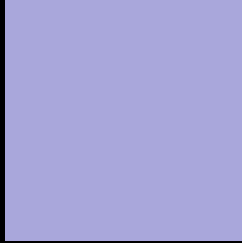
Large Text (above 18pt) WCAG AA × Fail

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 42.9671, 41.1869, 72.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

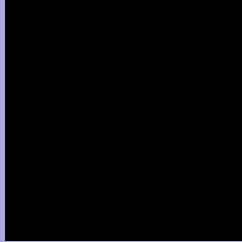
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9671, 41.1869, 72.7031

Background



This preview shows how black text looks on a background with the XYZ color 42.9671, 41.1869, 72.7031.



This preview shows how white text looks on a background with the XYZ color 42.9671, 41.1869,

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

42.9671, 41.1869, 72.7031

Protanopia

41.7239, 41.3408, 74.1871

Deuteranopia

42.2840, 41.3829, 72.7769



Tritanopia

39.0175, 41.2615, 52.9215

Trichromacy



Original Color

42.9671, 41.1869, 72.7031

Protanomaly

42.2105, 41.3298, 73.4629

Deuteranomaly

42.5147, 41.2267, 72.7346

Tritanomaly

40.3888, 41.2487, 59.8659

Monochromacy



Original Color

42.9671, 41.1869, 72.7031

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8704, 41.6142, 54.5934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9671, 41.1869, 72.7031 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(169, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 219)  
}
```

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(169, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 219) }
```

Border

The CSS property to change the border of an element to XYZ 42.9671, 41.1869, 72.7031 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(169, 167, 219) }
```


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

```
.border{ border-color:rgb(169, 167, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9671, 41.1869, 72.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 219) }
```

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

```
.background{ background-color: rgb(169,  
167, 219) }
```

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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