

Converting Colors

XYZ(44.6201, 41.8937, 72.8806)

Have a look what the booklet for
XYZ(44.6201, 41.8937, 72.8806)
contains.

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Color

**XYZ(44.5539, 41.7340,
72.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A6DB
RGB	177, 166, 219
RGB Percent	69%, 65%, 86%
CMY	0.3059, 0.3490, 0.1412
CMYK	0.19, 0.24, 0.00, 0.14
HSL	252°, 42%, 75%
HSV	252°, 24%, 86%
XYZ	44.5539, 41.7340, 72.7251
YIQ	175.3310, -10.4570, 18.8150

Conversions

Conversions Part 2

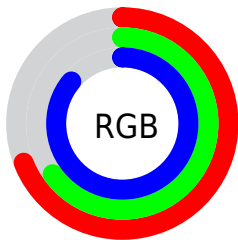
Format	Color
R_{YB}	177, 166, 219
Decimal	11642587
CIE _{Lab}	70.69, 14.75, -25.36
CIE _{LCh}	71, 29.344, 300.186
Yxy	41.7340, 0.2802, 0.2625
Android (android.graphics.Color)	4289832667 (0xFFB1A6DB)
YUV	175.3310, 21.5288, 1.4637
Hunter-Lab	64.6019, 10.0527, -21.5240

Details

The XYZ color **44.5539, 41.7340, 72.7251** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.2281, 66.8271, 45.9081**, and the grayscale version is **40.8159, 42.9415, 46.7633**.

A 20% lighter version of the original color is **77.5107, 76.2565, 105.2415**, and **21.0303, 19.0000, 37.6809** is the 20% darker color. If you saturate the color by 10%, you get **37.2021, 32.5297, 71.3367**, and if you desaturate by 10%, it is **53.0890, 52.5566, 74.3649**.

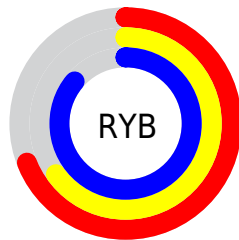
Distribution



Red (69%)

Green (65%)

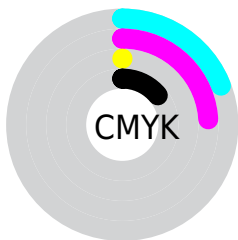
Blue (86%)



Red (69%)

Yellow (65%)

Blue (86%)

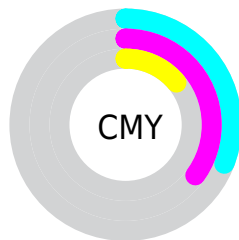


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5539, 41.7340, 72.7251 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 44.5539, 41.7340, 72.7251 by changing the saturation by 10% instead.

■ 44.5539, 41.7340,
72.7251

■ 44.5539, 41.7340,
72.7251

355.7780,
353.3791, 489.1067

■ 31.3060, 28.8931,
53.2608

■ 81.2918, 77.7969,
124.8042

■ 20.9849, 18.9999,
37.6218

■ 105.5124,
101.7876, 158.2560

■ 13.2254, 11.6702,
25.3898

134.1214,
130.2638, 197.2074

■ 7.6620, 6.5196,
16.1460

167.4840,
163.6097, 242.0768

■ 3.9294, 3.1635,
9.4721

205.9656,
202.2098, 293.2830

■ 1.6623, 1.2177,
4.9494

249.9316,

■ 0.4325, 0.0761,

246.4484, 351.2443

2.1594

299.7472,
296.7101, 416.3794

■ 0.0000, 0.0000,
0.6508

■ 0.0000, 0.0000,
0.0000

■ 44.5539, 41.7340,
72.7251

■ 44.5539, 41.7340,
72.7251

■ 37.2021, 32.5297,
71.3367

■ 53.0890, 52.5566,
74.3649

■ 30.9764, 24.8603,
70.1844

■ 62.8531, 65.0653,
76.2647

■ 25.8210, 18.6424,
69.2560

■ 73.8944, 79.3304,
78.4362

■ 21.6731, 13.7828,
68.5366

■ 86.2571, 95.4165,
80.8895

■ 18.4636, 10.1770,
68.0098

■ 89.7863, 97.8945,
81.1818

■ 16.1137, 7.7049,
67.6565

■ 14.5305, 6.2218,
67.4536

■ 13.8885, 5.6827,
67.3834

Harmonies

Analogous

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



39.6973, 41.7340, 77.8045



44.5539, 41.7340, 72.7251



48.3405, 41.7340, 60.0896

Triad

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



44.5539, 41.7340, 72.7251



44.4972, 41.7340, 25.9501



31.0362, 41.7340, 45.5282

Complementary

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



44.5539, 41.7340, 72.7251



58.2281, 66.8271, 45.9081

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.



32.0983, 41.7340, 33.3908



44.5539, 41.7340, 72.7251



39.6366, 41.7340, 23.5874

Square

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



44.5539, 41.7340, 72.7251



48.3059, 41.7340, 33.2685



35.1510, 41.7340, 26.0100



32.1247, 41.7340, 60.2710

Rectangle

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



44.5539, 41.7340, 72.7251



49.6066, 41.7340, 50.1577



35.1510, 41.7340, 26.0100



31.1524, 41.7340, 41.0301

Sweetspot

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



44.5552, 41.7357, 72.7260



84.6036, 86.5505, 106.8546



51.1669, 58.5297, 75.6191



17.9248, 18.2895, 22.8354



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.



44.5552, 41.7357, 72.7260



57.4525, 52.0772, 101.6316



51.0795, 45.0991, 73.0314



12.5899, 12.7467, 16.4489



8.3087, 3.4075, 39.9582



0.6104, 0.2579, 2.5921

Inverse Universe

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



54.2360, 46.8882, 65.8677



73.4507, 60.5987, 89.9933



51.4835, 63.3502, 45.5925



13.4926, 13.2261, 15.8552



21.8672, 10.7479, 24.7446



1.4464, 0.7082, 1.7596

Previews

White Background



This preview shows how the XYZ color 44.5539, 41.7340, 72.7251 looks on a white background.

Color Contrast Check

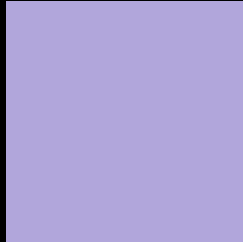
Large Text (above 18pt) WCAG AA × Fail

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 44.5539, 41.7340, 72.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

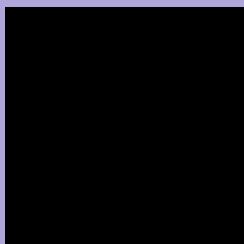
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5539, 41.7340, 72.7251

Background



This preview shows how black text looks on a background with the XYZ color 44.5539, 41.7340, 72.7251.



This preview shows how white text looks on a background with the XYZ color 44.5539, 41.7340,

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

44.5539, 41.7340, 72.7251

Protanopia

42.3794, 41.9271, 75.6711

Deuteranopia

42.7555, 41.9184, 72.1673



Tritanopia

40.4100, 41.7081, 52.3750

Trichromacy



Original Color

44.5539, 41.7340, 72.7251

Protanomaly

43.0987, 41.7569, 74.8956

Deuteranomaly

43.4204, 41.9839, 72.1449

Tritanomaly

41.8013, 41.7109, 59.2739

Monochromacy



Original Color

44.5539, 41.7340, 72.7251

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.0610, 42.4967, 55.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5539, 41.7340, 72.7251 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(177, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 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(177, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 219) }
```

Border

The CSS property to change the border of an element to XYZ 44.5539, 41.7340, 72.7251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

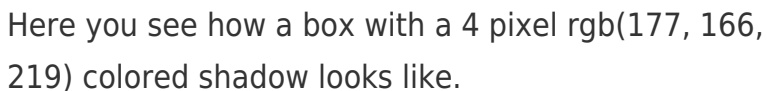
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 166, 219) }
```


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

```
.border{ border-color:rgb(177, 166, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 166, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 166, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 166, 219); box-shadow:4px 4px 4px 4px rgb(177, 166, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5539, 41.7340, 72.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 219) }
```

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

```
.background{ background-color: rgb(177,  
166, 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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