

Converting Colors

XYZ(43.7396, 39.6275, 72.2695)

Have a look what the booklet for
XYZ(43.7396, 39.6275, 72.2695)
contains.

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Color

**XYZ(43.7171, 39.7211,
72.3806)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A0DB
RGB	178, 160, 219
RGB Percent	70%, 63%, 86%
CMY	0.3020, 0.3725, 0.1412
CMYK	0.19, 0.27, 0.00, 0.14
HSL	258°, 45%, 74%
HSV	258°, 27%, 86%
XYZ	43.7171, 39.7211, 72.3806
YIQ	172.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

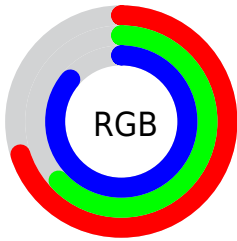
Format	Color
R _Y B	178, 160, 219
Decimal	11706587
CIE Lab	69.27, 18.41, -27.53
CIE LCh	69, 33.121, 303.776
Yxy	39.7211, 0.2806, 0.2549
Android (android.graphics.Color)	4289896667 (0xFFB2A0DB)
YUV	172.1080, 23.1178, 5.1673
Hunter-Lab	63.0247, 13.5234, -23.9742

Details

The XYZ color **43.7171, 39.7211, 72.3806** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.7653, 65.6196, 42.9862**, and the grayscale version is **39.1581, 41.1974, 44.8639**.

A 20% lighter version of the original color is **76.2821, 73.3133, 104.7381**, and **20.5208, 17.7654, 37.4695** is the 20% darker color. If you saturate the color by 10%, you get **36.9496, 31.0849, 71.0710**, and if you desaturate by 10%, it is **51.5434, 49.8976, 73.9330**.

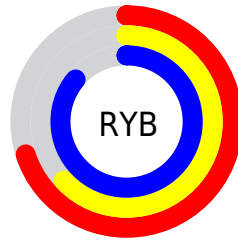
Distribution



Red (70%)

Green (63%)

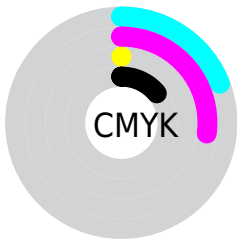
Blue (86%)



Red (70%)

Yellow (63%)

Blue (86%)

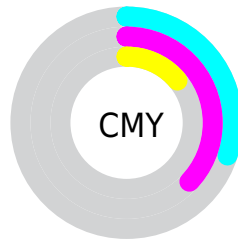


Cyan (19%)

Magenta (27%)

Yellow (0%)

Black (14%)



Cyan (30%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7171, 39.7211, 72.3806 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 43.7171, 39.7211, 72.3806 by changing the saturation by 10% instead.


 43.7171, 39.7211,
72.3806

 43.7171, 39.7211,
72.3806


352.4243,
344.9466, 487.8784

 30.6451, 27.3212,
52.9809

 80.0409, 74.7386,
124.3102

 20.4793, 17.8146,
37.3999


 104.0234, 98.1250,
157.6773

 12.8542, 10.8169,
25.2191


132.3734,
125.9423, 196.5372

 7.4045, 5.9439,
16.0198

165.4564,
158.5749, 241.3084

 3.7649, 2.8110,
9.3837

203.6376,
196.4073, 292.4097

 1.5700, 1.0339,
4.8921

247.2824,

 0.3727, 0.0000,

239.8238, 350.2594

2.1264

296.7562,
289.2088, 415.2761

■ 0.0000, 0.0000,
0.6314

■ 0.0000, 0.0000,
0.0000

■ 43.7171, 39.7211,
72.3806

■ 43.7171, 39.7211,
72.3806

■ 36.9496, 31.0849,
71.0710

■ 51.5434, 49.8976,
73.9330

■ 31.1893, 23.9077,
69.9892

■ 60.4690, 61.6810,
75.7370

■ 26.3859, 18.1075,
69.1229

■ 70.5372, 75.1393,
77.8041

■ 22.4830, 13.5923,
68.4570

■ 81.7876, 90.3357,
80.1443

■ 19.4176, 10.2584,
67.9751

■ 89.4549, 97.7237,
81.1662

■ 17.1175, 7.9852,
67.6576

■ 89.7863, 97.8945,
81.1817

■ 15.4922, 6.6175,
67.4792

■ 15.0881, 6.3012,
67.4395

Harmonies

Analogous

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



38.4299, 39.7211, 79.4650



43.7171, 39.7211, 72.3806



47.6699, 39.7211, 57.4945

Triad

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



43.7171, 39.7211, 72.3806



42.4457, 39.7211, 21.9698



28.4576, 39.7211, 45.2034

Complementary

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



43.7171, 39.7211, 72.3806



55.7653, 65.6196, 42.9862

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.



29.3179, 39.7211, 31.5762



43.7171, 39.7211, 72.3806



37.0855, 39.7211, 20.1476

Square

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



43.7171, 39.7211, 72.3806



46.8889, 39.7211, 28.9490



32.3589, 39.7211, 23.2184



29.8895, 39.7211, 61.6208

Rectangle

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



43.7171, 39.7211, 72.3806



48.8362, 39.7211, 46.4965



32.3589, 39.7211, 23.2184



28.4891, 39.7211, 40.1573

Sweetspot

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



43.7184, 39.7227, 72.3815



83.8593, 85.0776, 106.6095



48.2413, 54.5026, 74.9959



17.5241, 17.6464, 22.7324



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.



43.7184, 39.7227, 72.3815



56.4367, 49.3065, 101.1503



51.1462, 43.5519, 72.7291



12.7104, 12.8088, 16.4546



9.0445, 3.7868, 39.9926



0.6723, 0.2899, 2.5950

Inverse Universe

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



52.3281, 44.4203, 61.0759



70.5582, 57.0199, 82.2281



48.6474, 61.9501, 42.6531



13.4364, 13.2037, 15.5593



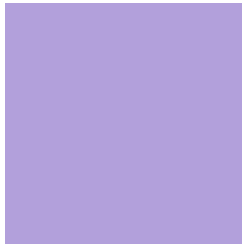
20.7428, 10.2982, 18.8234



1.3815, 0.6822, 1.4181

Previews

White Background



This preview shows how the XYZ color 43.7171, 39.7211, 72.3806 looks on a white background.

Color Contrast Check

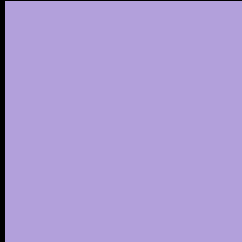
Large Text (above 18pt) WCAG AA × Fail

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 43.7171, 39.7211, 72.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

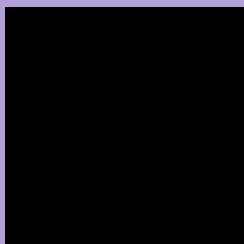
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7171, 39.7211, 72.3806

Background



This preview shows how black text looks on a background with the XYZ color 43.7171, 39.7211, 72.3806.



This preview shows how white text looks on a background with the XYZ color 43.7171, 39.7211,

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

43.7171, 39.7211, 72.3806

Protanopia

40.4101, 39.7916, 76.0717

Deuteranopia

40.7883, 39.8080, 71.8636



Tritanopia

38.8515, 39.5906, 48.7741

Trichromacy



Original Color

43.7171, 39.7211, 72.3806

Protanomaly

41.3606, 39.5062, 74.5528

Deuteranomaly

41.8667, 39.8284, 71.8107

Tritanomaly

40.4686, 39.4446, 56.5196

Monochromacy



Original Color

43.7171, 39.7211, 72.3806

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.6435, 40.6781, 53.8536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7171, 39.7211, 72.3806 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(178, 160, 219)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 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(178, 160, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.7171, 39.7211, 72.3806 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(178, 160, 219) }
```


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

```
.border{ border-color:rgb(178, 160, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 219);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7171, 39.7211, 72.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 219) }
```

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

```
.background{ background-color: rgb(178,  
160, 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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