

Converting Colors

XYZ(56.8951, 46.7730, 73.0472)

Have a look what the booklet for
XYZ(56.8951, 46.7730, 73.0472)
contains.

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Color

**XYZ(56.8951, 46.7730,
73.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A1DB
RGB	226, 161, 219
RGB Percent	89%, 63%, 86%
CMY	0.1137, 0.3686, 0.1412
CMYK	0.00, 0.29, 0.03, 0.11
HSL	306°, 53%, 76%
HSV	306°, 29%, 89%
XYZ	56.8951, 46.7730, 73.0472
YIQ	187.0470, 20.1220, 31.8180

Conversions

Conversions Part 2

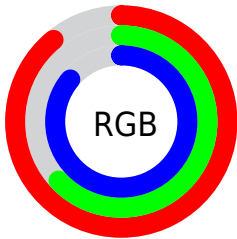
Format	Color
R _Y B	226, 161, 219
Decimal	14852571
CIE Lab	74.04, 33.27, -19.83
CIE LCh	74, 38.730, 329.195
Yxy	46.7730, 0.3220, 0.2647
Android (android.graphics.Color)	4293042651 (0xFFE2A1DB)
YUV	187.0470, 15.7528, 34.1618
Hunter-Lab	68.3908, 28.8124, -15.4532

Details

The XYZ color **56.8951, 46.7730, 73.0472** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9641, 64.7984, 46.9752**, and the grayscale version is **47.1679, 49.6243, 54.0408**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **28.6410, 21.9515, 37.8495** is the 20% darker color. If you saturate the color by 10%, you get **52.9793, 39.4496, 70.1728**, and if you desaturate by 10%, it is **61.5323, 55.5299, 76.1862**.

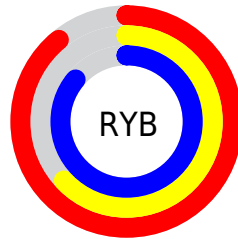
Distribution



Red (89%)

Green (63%)

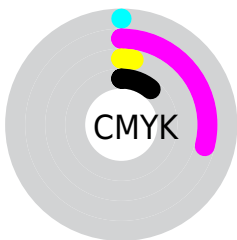
Blue (86%)



Red (89%)

Yellow (63%)

Blue (86%)

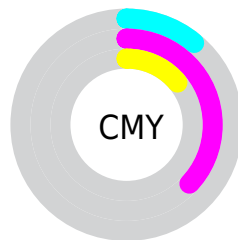


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8951, 46.7730, 73.0472 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 56.8951, 46.7730, 73.0472 by changing the saturation by 10% instead.


 56.8951, 46.7730,
73.0472


 56.8951, 46.7730,
73.0472


403.0767,
373.9077, 490.2535

 41.1608, 32.8562,
53.5225


 99.4444, 85.3747,
125.2658

 28.6330, 22.0163,
37.8295


 126.9900,
110.8284, 158.7967

 18.9463, 13.8689,
25.5496


159.2036,
140.8965, 197.8334

 11.7352, 8.0295,
16.2642

196.4504,
175.9635, 242.7946

 6.6346, 4.1139,
9.5549

239.0957,
216.4137, 294.0986

 3.2789, 1.7375,
5.0032

287.5050,

 1.3029, 0.4477,

262.6316, 352.1641

2.1903

342.0435,
315.0014, 417.4096

■ 0.1854, 0.0000,
0.6688

■ 0.0000, 0.0000,
0.0000

■ 56.8951, 46.7730,
73.0472

■ 56.8951, 46.7730,
73.0472

■ 52.9793, 39.4496,
70.1728

■ 61.5323, 55.5299,
76.1862

■ 49.7419, 33.4767,
67.5471

■ 66.9221, 65.7853,
79.5987

■ 47.1425, 28.7719,
65.1570

■ 73.0992, 77.6078,
83.2970

■ 45.1340, 25.2419,
62.9867

■ 80.0948, 91.0596,
87.2916

43.6633, 22.7799,
61.0183

81.5725, 93.4682,
89.4703

42.6674, 21.2603,
59.2309

81.9192, 93.6068,
91.2957

42.0510, 20.4923,
57.5925

82.2706, 93.7474,
93.1463

41.9849, 20.4171,
57.3942

82.6268, 93.8899,
95.0223

82.9879, 94.0344,
96.9238

Harmonies

Analogous

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



51.2692, 46.7730, 91.9731



56.8951, 46.7730, 73.0472



59.1356, 46.7730, 51.4652

Triad

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



56.8951, 46.7730, 73.0472



44.6436, 46.7730, 21.5328



33.8210, 46.7730, 71.8739

Complementary

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



56.8951, 46.7730, 73.0472



48.9641, 64.7984, 46.9752

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.



32.4326, 46.7730, 50.3942



56.8951, 46.7730, 73.0472



38.2754, 46.7730, 24.3749

Square

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



56.8951, 46.7730, 73.0472



51.6262, 46.7730, 24.7040



33.9771, 46.7730, 33.7960



37.9831, 46.7730, 91.1813

Rectangle

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



56.8951, 46.7730, 73.0472



58.2468, 46.7730, 39.3960



33.9771, 46.7730, 33.7960



33.0348, 46.7730, 64.5155

Sweetspot

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



56.8965, 46.7751, 73.0482



87.7652, 86.0632, 104.5210



42.5167, 39.2532, 77.2882



18.5505, 17.9731, 22.2265



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.



56.8965, 46.7751, 73.0482



71.3715, 55.0579, 93.5621



53.0803, 45.2486, 52.9520



14.2281, 13.9089, 16.9713



23.9789, 11.6586, 32.8845



1.6806, 0.8155, 2.3767

Inverse Universe

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



56.8965, 46.7751, 73.0482



71.3715, 55.0579, 93.5621



52.3214, 66.1413, 64.6543



14.2281, 13.9089, 16.9713



23.9789, 11.6586, 32.8845



1.6806, 0.8155, 2.3767

Previews

White Background



This preview shows how the XYZ color 56.8951, 46.7730, 73.0472 looks on a white background.

Color Contrast Check

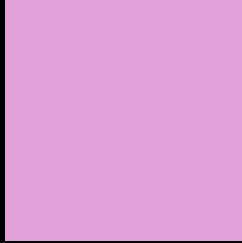
Large Text (above 18pt) WCAG AA × Fail

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 56.8951, 46.7730, 73.0472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

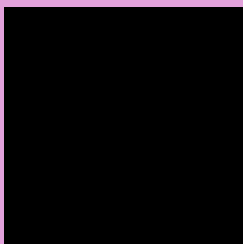
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8951, 46.7730, 73.0472

Background



This preview shows how black text looks on a background with the XYZ color 56.8951, 46.7730, 73.0472.



This preview shows how white text looks on a background with the XYZ color 56.8951, 46.7730,

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

56.8951, 46.7730, 73.0472

Protanopia

47.3914, 46.9607, 83.6573

Deuteranopia

48.0822, 46.9890, 71.5013



Tritanopia

52.1619, 46.7136, 49.9835

Trichromacy



Original Color

56.8951, 46.7730, 73.0472



Protanomaly

50.1824, 46.4357, 79.7169



Deuteranomaly

50.8301, 46.6569, 71.9723



Tritanomaly

53.7369, 46.5384, 57.7803

Monochromacy



Original Color

56.8951, 46.7730, 73.0472



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.3166, 48.3818, 60.7195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8951, 46.7730, 73.0472 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(226, 161, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 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(226, 161, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.8951, 46.7730, 73.0472 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(226, 161, 219) }
```


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

```
.border{ border-color:rgb(226, 161, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 161, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 161, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 161, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 161,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8951, 46.7730, 73.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 219) }
```

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

```
.background{ background-color: rgb(226,  
161, 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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