

Converting Colors

XYZ(43.8046, 41.2227, 72.3431)

Have a look what the booklet for
XYZ(43.8046, 41.2227, 72.3431)
contains.

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Color

**XYZ(43.8780, 41.3856,
72.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6DB
RGB	174, 166, 219
RGB Percent	68%, 65%, 86%
CMY	0.3176, 0.3490, 0.1412
CMYK	0.21, 0.24, 0.00, 0.14
HSL	249°, 42%, 75%
HSV	249°, 24%, 86%
XYZ	43.8780, 41.3856, 72.6934
YIQ	174.4340, -12.2450, 18.1790

Conversions

Conversions Part 2

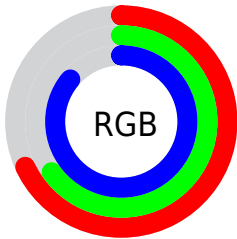
Format	Color
RYB	174, 166, 219
Decimal	11445979
CIELab	70.45, 13.82, -25.76
CIELCh	70, 29.231, 298.221
Yxy	41.3856, 0.2778, 0.2620
Android (android.graphics.Color)	4289636059 (0xFFAEA6DB)
YUV	174.4340, 21.9710, -0.3806
Hunter-Lab	64.3316, 9.1672, -21.9643

Details

The XYZ color **43.8780, 41.3856, 72.6934** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.0796, 67.2660, 45.9480**, and the grayscale version is **40.3514, 42.4528, 46.2311**.

A 20% lighter version of the original color is **76.5396, 75.7559, 105.1960**, and **20.6033, 18.7799, 37.6609** is the 20% darker color. If you saturate the color by 10%, you get **36.3713, 32.1014, 71.2977**, and if you desaturate by 10%, it is **52.6388, 52.3245, 74.3438**.

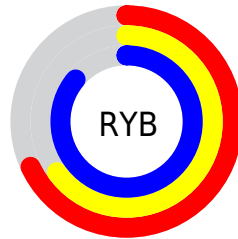
Distribution



Red (68%)

Green (65%)

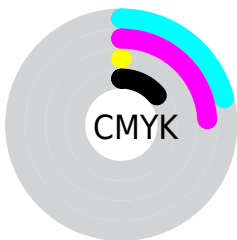
Blue (86%)



Red (68%)

Yellow (65%)

Blue (86%)

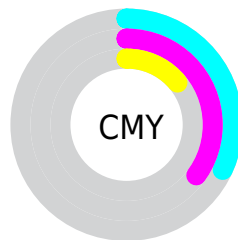


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8780, 41.3856, 72.6934 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 43.8780, 41.3856, 72.6934 by changing the saturation by 10% instead.

■ 43.8780, 41.3856,
72.6934

■ 43.8780, 41.3856,
72.6934

353.0708,
351.9297, 488.9938

■ 30.7721, 28.6205,
53.2350

■ 80.2816, 77.2689,
124.7587

■ 20.5764, 18.7939,
37.6014

■ 104.3101,
101.1559, 158.2027

■ 12.9254, 11.5215,
25.3740

132.7100,
129.5190, 197.1457

■ 7.4538, 6.4187,
16.1344

165.8469,
162.7426, 242.0062

■ 3.7963, 3.1013,
9.4639

204.0861,
201.2110, 293.2027

■ 1.5876, 1.1849,
4.9441

247.7929,

■ 0.3843, 0.0493,

245.3088, 351.1537

2.1563

297.3327,
295.4202, 416.2779

■ 0.0000, 0.0000,
0.6490

■ 0.0000, 0.0000,
0.0000

■ 43.8780, 41.3856,
72.6934

■ 43.8780, 41.3856,
72.6934

■ 36.3713, 32.1014,
71.2977

■ 52.6388, 52.3245,
74.3438

■ 30.0568, 24.3862,
70.1413

■ 62.7035, 64.9882,
76.2576

■ 24.8736, 18.1541,
69.2116

■ 74.1244, 79.4490,
78.4469

■ 20.7535, 13.3087,
68.4935

■ 86.9494, 95.7734,
80.9219

■ 17.6208, 9.7425,
67.9703

■ 89.7863, 97.8945,
81.1818

■ 15.3897, 7.3316,
67.6225

■ 13.9583, 5.9268,
67.4268

■ 13.4152, 5.4387,
67.3612

Harmonies

Analogous

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



39.0491, 41.3856, 77.0971



43.8780, 41.3856, 72.6934



47.7422, 41.3856, 60.5168

Triad

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



43.8780, 41.3856, 72.6934



44.4155, 41.3856, 26.0720



30.7891, 41.3856, 44.2440

Complementary

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



43.8780, 41.3856, 72.6934



59.0796, 67.2660, 45.9480

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.



31.9790, 41.3856, 32.4914



43.8780, 41.3856, 72.6934



39.6238, 41.3856, 23.4167

Square

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



43.8780, 41.3856, 72.6934



48.0699, 41.3856, 33.6510



35.1184, 41.3856, 25.5048



31.7294, 41.3856, 58.7984

Rectangle

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



43.8780, 41.3856, 72.6934



49.1124, 41.3856, 50.6936



35.1184, 41.3856, 25.5048



30.9511, 41.3856, 39.8635

Sweetspot

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



43.8793, 41.3873, 72.6943



84.2599, 86.3733, 106.8385



51.8200, 59.8360, 75.8368



17.8455, 18.2486, 22.8317



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.



43.8793, 41.3873, 72.6943



56.3758, 51.5222, 101.5812



50.3635, 44.7300, 72.9978



12.5207, 12.7110, 16.4457



8.0120, 3.2545, 39.9443



0.5779, 0.2412, 2.5905

Inverse Universe

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



54.6087, 47.0373, 67.8303



74.0787, 60.8499, 93.3004



52.1149, 63.6756, 45.6221



13.5255, 13.2393, 16.0285



22.6066, 11.0437, 28.6381



1.4880, 0.7248, 1.9785

Previews

White Background



This preview shows how the XYZ color 43.8780, 41.3856, 72.6934 looks on a white background.

Color Contrast Check

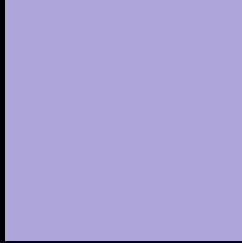
Large Text (above 18pt) WCAG AA × Fail

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 43.8780, 41.3856, 72.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

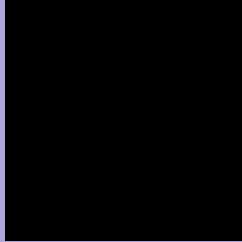
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8780, 41.3856, 72.6934

Background



This preview shows how black text looks on a background with the XYZ color 43.8780, 41.3856, 72.6934.



This preview shows how white text looks on a background with the XYZ color 43.8780, 41.3856,

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

43.8780, 41.3856, 72.6934

Protanopia

41.8576, 41.3943, 74.8910

Deuteranopia

42.3599, 41.4372, 72.0952



Tritanopia

39.7639, 41.3750, 52.3448

Trichromacy



Original Color

43.8780, 41.3856, 72.6934

Protanomaly

42.5490, 41.4889, 74.1722

Deuteranomaly

42.8060, 41.3921, 72.0630

Tritanomaly

41.1453, 41.3727, 59.2432

Monochromacy



Original Color

43.8780, 41.3856, 72.6934

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.3127, 41.8422, 54.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8780, 41.3856, 72.6934 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(174, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.8780, 41.3856, 72.6934 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(174, 166, 219) }
```


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

```
.border{ border-color:rgb(174, 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(174, 166, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8780, 41.3856, 72.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 219) }
```

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

```
.background{ background-color: rgb(174,  
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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