

Converting Colors

XYZ(43.6034, 39.2479, 77.9143)

Have a look what the booklet for
XYZ(43.6034, 39.2479, 77.9143)
contains.

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Color

**XYZ(43.7188, 39.3410,
77.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9FE3
RGB	174, 159, 227
RGB Percent	68%, 62%, 89%
CMY	0.3176, 0.3765, 0.1098
CMYK	0.23, 0.30, 0.00, 0.11
HSL	253°, 55%, 76%
HSV	253°, 30%, 89%
XYZ	43.7188, 39.3410, 77.9624
YIQ	171.2370, -12.8880, 24.3280

Conversions

Conversions Part 2

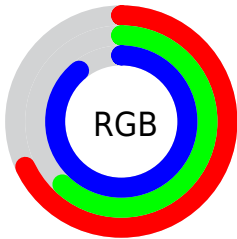
Format	Color
RYB	174, 159, 227
Decimal	11444195
CIELab	69.00, 19.60, -32.38
CIElCh	69, 37.846, 301.182
Yxy	39.3410, 0.2715, 0.2443
Android (android.graphics.Color)	4289634275 (0xFFAE9FE3)
YUV	171.2370, 27.4912, 2.4232
Hunter-Lab	62.7224, 14.6539, -29.7903

Details

The XYZ color **43.7188, 39.3410, 77.9624** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8796, 71.4394, 43.3830**, and the grayscale version is **38.6996, 40.7150, 44.3387**.

A 20% lighter version of the original color is **74.7297, 72.1361, 104.5927**, and **20.4590, 17.6585, 40.8582** is the 20% darker color. If you saturate the color by 10%, you get **36.4825, 30.3389, 76.6069**, and if you desaturate by 10%, it is **52.1938, 50.0475, 79.5829**.

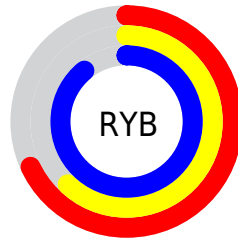
Distribution



Red (68%)

Green (62%)

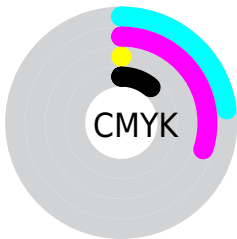
Blue (89%)



Red (68%)

Yellow (62%)

Blue (89%)

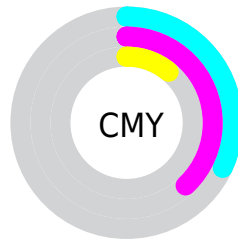


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7188, 39.3410, 77.9624 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 43.7188, 39.3410, 77.9624 by changing the saturation by 10% instead.

43.7188, 39.3410,
77.9624

43.7188, 39.3410,
77.9624

352.4312,
343.3381, 507.5637

30.6465, 27.0251,
57.5268

80.0434, 74.1590,
132.2825

20.4803, 17.5921,
41.0162

104.0264, 97.4298,
167.0041

12.8549, 10.6575,
28.0119

132.3770,
125.1211, 207.3248

7.4050, 5.8370,
18.0955

165.4605,
157.6173, 253.6632

3.7652, 2.7462,
10.8484

203.6423,
195.3026, 306.4377

1.5702, 1.0007,
5.8521

247.2878,

0.3729, 0.0000,

238.5616, 366.0669

2.6880

296.7623,
287.7787, 432.9694

■ 0.0000, 0.0000,
0.9374

■ 0.0000, 0.0000,
0.0000

■ 43.7188, 39.3410,
77.9624

■ 43.7188, 39.3410,
77.9624

■ 36.4825, 30.3389,
76.6069

■ 52.1938, 50.0475,
79.5829

■ 30.4215, 22.9475,
75.4996

■ 61.9587, 62.5361,
81.4788

■ 25.4726, 17.0712,
74.6262

■ 73.0669, 76.8852,
83.6630

■ 21.5647, 12.6022,
73.9696

■ 85.5674, 93.1674,
86.1469

■ 18.6183, 9.4181,
73.5103

■ 90.8653, 98.3261,
86.8634

■ 16.5409, 7.3745,
73.2253

■ 15.1893, 6.2303,
73.0757

■ 15.1842, 6.2260,
73.0752

Harmonies

Analogous

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



37.6321, 39.3410, 85.3192



43.7188, 39.3410, 77.9624



48.4918, 39.3410, 60.9063

Triad

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



43.7188, 39.3410, 77.9624



43.2608, 39.3410, 19.8418



26.9624, 39.3410, 43.5241

Complementary

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



43.7188, 39.3410, 77.9624



60.8796, 71.4394, 43.3830

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.



28.1309, 39.3410, 28.7476



43.7188, 39.3410, 77.9624



37.1538, 39.3410, 17.4855

Square

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



43.7188, 39.3410, 77.9624



48.2080, 39.3410, 27.8480



31.7079, 39.3410, 20.2546



28.3291, 39.3410, 62.4184

Rectangle

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



43.7188, 39.3410, 77.9624



50.0520, 39.3410, 48.1269



31.7079, 39.3410, 20.2546



27.0707, 39.3410, 37.9472

Sweetspot

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



43.7201, 39.3426, 77.9633



81.8833, 82.9852, 106.3098



51.7746, 60.1386, 81.5528



17.1000, 17.2140, 22.6713



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.



43.7201, 39.3426, 77.9633



50.8182, 43.6079, 100.3465



52.2020, 43.7151, 78.3602



13.8786, 14.0397, 18.1228



8.9371, 3.6731, 42.6211



0.7389, 0.3119, 3.1532

Inverse Universe

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



55.9615, 45.8821, 68.1954



69.3321, 53.5092, 85.0827



52.1497, 66.9389, 42.9745



14.8519, 14.5579, 17.4204



23.1445, 11.3920, 25.4536



1.7440, 0.8553, 2.0585

Previews

White Background



This preview shows how the XYZ color 43.7188, 39.3410, 77.9624 looks on a white background.

Color Contrast Check

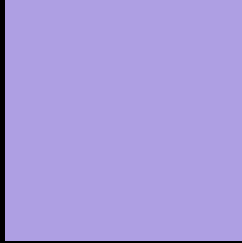
Large Text (above 18pt) WCAG AA × Fail

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 43.7188, 39.3410, 77.9624 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 43.7188, 39.3410, 77.9624

Background



This preview shows how black text looks on a background with the XYZ color 43.7188, 39.3410, 77.9624.



This preview shows how white text looks on a background with the XYZ color 43.7188, 39.3410,

77.9624.

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

43.7188, 39.3410, 77.9624

Protanopia

40.5961, 39.4882, 81.8263

Deuteranopia

40.5006, 39.5357, 77.4481



Tritanopia

37.8602, 39.3408, 49.3141

Trichromacy



Original Color

43.7188, 39.3410, 77.9624

Protanomaly

41.4807, 39.1767, 80.2385

Deuteranomaly

41.5226, 39.2624, 77.3414

Tritanomaly

39.7966, 39.3123, 58.9166

Monochromacy



Original Color

43.7188, 39.3410, 77.9624

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.2359, 40.1697, 54.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7188, 39.3410, 77.9624 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, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 227)  
}
```

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, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 227) }
```

Border

The CSS property to change the border of an element to XYZ 43.7188, 39.3410, 77.9624 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, 159, 227) }
```


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

```
.border{ border-color:rgb(174, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7188, 39.3410, 77.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 227) }
```

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

```
.background{ background-color: rgb(174,  
159, 227) }
```

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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