

Converting Colors

XYZ(43.4443, 39.2312, 76.5168)

Have a look what the booklet for
XYZ(43.4443, 39.2312, 76.5168)
contains.

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Color

**XYZ(43.4443, 39.2312,
76.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9FE1
RGB	174, 159, 225
RGB Percent	68%, 62%, 88%
CMY	0.3176, 0.3765, 0.1176
CMYK	0.23, 0.29, 0.00, 0.12
HSL	254°, 52%, 75%
HSV	254°, 29%, 88%
XYZ	43.4443, 39.2312, 76.5168
YIQ	171.0090, -12.2460, 23.7060

Conversions

Conversions Part 2

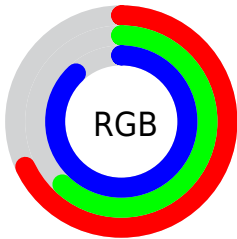
Format	Color
RYB	174, 159, 225
Decimal	11444193
CIELab	68.92, 19.13, -31.40
CIELCh	69, 36.768, 301.346
Yxy	39.2312, 0.2729, 0.2464
Android (android.graphics.Color)	4289634273 (0xFFAE9FE1)
YUV	171.0090, 26.6176, 2.6231
Hunter-Lab	62.6348, 14.1989, -28.5863

Details

The XYZ color **43.4443, 39.2312, 76.5168** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.7627, 70.0562, 43.1749**, and the grayscale version is **38.5893, 40.5989, 44.2122**.

A 20% lighter version of the original color is **74.7297, 72.1361, 104.5927**, and **20.2697, 17.5828, 39.8616** is the 20% darker color. If you saturate the color by 10%, you get **36.2958, 30.3163, 75.1735**, and if you desaturate by 10%, it is **51.8011, 49.8162, 78.1201**.

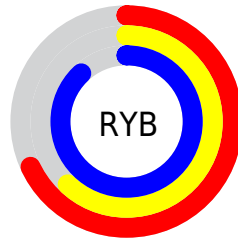
Distribution



Red (68%)

Green (62%)

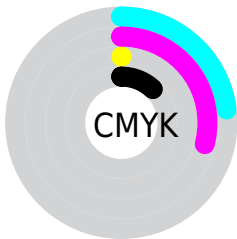
Blue (88%)



Red (68%)

Yellow (62%)

Blue (88%)

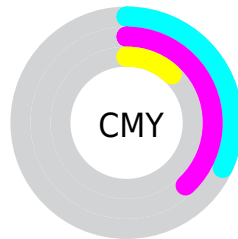


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4443, 39.2312, 76.5168 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 43.4443, 39.2312, 76.5168 by changing the saturation by 10% instead.

■ 43.4443, 39.2312,
76.5168

■ 43.4443, 39.2312,
76.5168

351.3264,
342.8725, 502.5088

■ 30.4299, 26.9396,
56.3472

■ 79.6324, 73.9914,
130.2239

■ 20.3148, 17.5279,
40.0755

■ 103.5369, 97.2288,
164.5986

■ 12.7337, 10.6116,
27.2832

131.8021,
124.8836, 204.5452

■ 7.3211, 5.8063,
17.5517

164.7933,
157.3402, 250.4826

■ 3.7119, 2.7277,
10.4625

202.8761,
194.9830, 302.8290

■ 1.5404, 0.9913,
5.5971

246.4156,

■ 0.3531, 0.0000,

238.1964, 362.0032

2.5369

295.7772,
287.3647, 428.4236

■ 0.0000, 0.0000,
0.8596

■ 0.0000, 0.0000,
0.0000

■ 43.4443, 39.2312,
76.5168

■ 43.4443, 39.2312,
76.5168

■ 36.2958, 30.3163,
75.1735

■ 51.8011, 49.8162,
78.1201

■ 30.2942, 22.9804,
74.0738

■ 61.4156, 62.1465,
79.9934

■ 25.3788, 17.1309,
73.2038

■ 72.3393, 76.2985,
82.1492

■ 21.4811, 12.6634,
72.5469

■ 84.6196, 92.3426,
84.5988

■ 18.5245, 9.4594,
72.0843

■ 90.5907, 98.2163,
85.4178

■ 16.4204, 7.3800,
71.7939

■ 15.0385, 6.2069,
71.6403

■ 14.9628, 6.1436,
71.6321

Harmonies

Analogous

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



37.5526, 39.2312, 83.6421



43.4443, 39.2312, 76.5168



48.0435, 39.2312, 60.0809

Triad

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



43.4443, 39.2312, 76.5168



42.9402, 39.2312, 20.2420



27.1447, 39.2312, 43.4764

Complementary

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



43.4443, 39.2312, 76.5168



59.7627, 70.0562, 43.1749

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.



28.2710, 39.2312, 29.0680



43.4443, 39.2312, 76.5168



37.0248, 39.2312, 17.9446

Square

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



43.4443, 39.2312, 76.5168



47.7317, 39.2312, 28.0669



31.7428, 39.2312, 20.7049



28.4910, 39.2312, 61.7393

Rectangle

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



43.4443, 39.2312, 76.5168



49.5368, 39.2312, 47.7438



31.7428, 39.2312, 20.7049



27.2458, 39.2312, 38.0544

Sweetspot

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



43.4456, 39.2328, 76.5177



81.9345, 83.0117, 106.3122



51.1097, 59.2480, 79.9771



17.1125, 17.2205, 22.6719



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.



43.4456, 39.2328, 76.5177



51.8986, 44.8449, 100.5283



51.5269, 43.3989, 76.8959



13.2420, 13.3928, 17.2748



8.7061, 3.5835, 41.2812



0.6810, 0.2884, 2.8650

Inverse Universe

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



55.0835, 45.4585, 66.8453



69.7853, 54.4234, 85.2094



51.4758, 65.7841, 42.7871



14.1548, 13.8795, 16.5851



22.3345, 11.0008, 24.2249



1.5811, 0.7757, 1.8530

Previews

White Background



This preview shows how the XYZ color 43.4443, 39.2312, 76.5168 looks on a white background.

Color Contrast Check

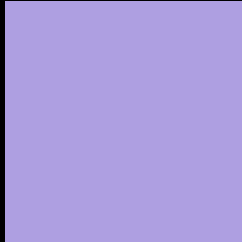
Large Text (above 18pt) WCAG AA × Fail

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 43.4443, 39.2312, 76.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

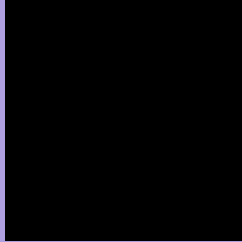
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4443, 39.2312, 76.5168

Background



This preview shows how black text looks on a background with the XYZ color 43.4443, 39.2312, 76.5168.



This preview shows how white text looks on a background with the XYZ color 43.4443, 39.2312,

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

43.4443, 39.2312, 76.5168

Protanopia

40.3136, 39.3752, 80.3383

Deuteranopia

40.4172, 39.5243, 76.0197



Tritanopia

37.8851, 39.0806, 49.2626

Trichromacy



Original Color

43.4443, 39.2312, 76.5168

Protanomaly

41.2013, 39.0649, 78.7675

Deuteranomaly

41.2497, 39.1533, 75.9043

Tritanomaly

39.7157, 39.0172, 58.2611

Monochromacy



Original Color

43.4443, 39.2312, 76.5168

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 43.4443, 39.2312, 76.5168 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.4443, 39.2312, 76.5168 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, 225) }
```


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

```
.border{ border-color:rgb(174, 159, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 225);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4443, 39.2312, 76.5168 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, 225) }
```

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

```
.background{ background-color: rgb(174,  
159, 225) }
```

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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