

Converting Colors

XYZ(43.3300, 38.3125, 79.0053)

Have a look what the booklet for
XYZ(43.3300, 38.3125, 79.0053)
contains.

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Color

**XYZ(43.4869, 38.4327,
79.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9CE5
RGB	174, 156, 229
RGB Percent	68%, 61%, 90%
CMY	0.3176, 0.3882, 0.1020
CMYK	0.24, 0.32, 0.00, 0.10
HSL	255°, 58%, 75%
HSV	255°, 32%, 90%
XYZ	43.4869, 38.4327, 79.2550
YIQ	169.7040, -12.7050, 26.5190

Conversions

Conversions Part 2

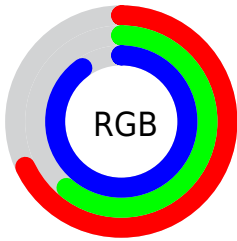
Format	Color
RYB	174, 156, 229
Decimal	11443429
CIELab	68.34, 21.75, -34.50
CIELCh	68, 40.783, 302.234
Yxy	38.4327, 0.2698, 0.2385
Android (android.graphics.Color)	4289633509 (0xFFAE9CE5)
YUV	169.7040, 29.2329, 3.7676
Hunter-Lab	61.9941, 16.7224, -32.4021

Details

The XYZ color **43.4869, 38.4327, 79.2550** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8849, 72.2886, 42.1981**, and the grayscale version is **37.9260, 39.9011, 43.4523**.

A 20% lighter version of the original color is **74.2993, 70.7975, 104.3570**, and **20.3401, 17.1134, 41.7663** is the 20% darker color. If you saturate the color by 10%, you get **36.4005, 29.6034, 77.9249**, and if you desaturate by 10%, it is **51.7941, 48.9683, 80.8514**.

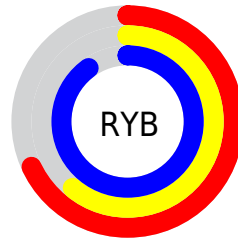
Distribution



Red (68%)

Green (61%)

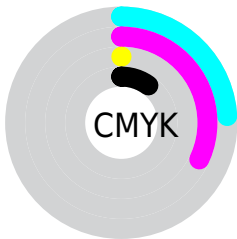
Blue (90%)



Red (68%)

Yellow (61%)

Blue (90%)

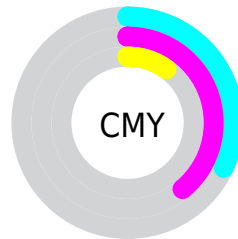


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (32%)


Magenta (39%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4869, 38.4327, 79.2550 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 43.4869, 38.4327, 79.2550 by changing the saturation by 10% instead.

 43.4869, 38.4327,
79.2550


 43.4869, 38.4327,
79.2550


351.4980,
339.4725, 512.0590

 30.4635, 26.3187,
58.5829


 79.6962, 72.7709,
134.1197

 20.3405, 17.0622,
41.8597


 103.6129, 95.7638,
169.1494

 12.7525, 10.2789,
28.6667


131.8913,
123.1519, 209.8021

 7.3341, 5.5842,
18.5854

164.8969,
155.3194, 256.4963

 3.7201, 2.5940,
11.1973

202.9951,
192.6509, 309.6506

 1.5450, 0.9236,
6.0839

246.5510,

 0.3562, 0.0000,

235.5306, 369.6834

2.8265

295.9302,
284.3430, 437.0134

■ 0.0000, 0.0000,
1.0068

■ 0.0000, 0.0000,
0.0000

■ 43.4869, 38.4327,
79.2550

■ 43.4869, 38.4327,
79.2550

■ 36.4005, 29.6034,
77.9249

■ 51.7941, 48.9683,
80.8514

■ 30.4713, 22.3847,
76.8441

■ 61.3734, 61.2900,
82.7248

■ 25.6362, 16.6781,
75.9974

■ 72.2779, 75.4780,
84.8887

■ 21.8236, 12.3722,
75.3672

■ 84.5565, 91.6062,
87.3546

■ 18.9530, 9.3399,
74.9333

■ 91.1430, 98.4372,
88.3259

■ 16.9299, 7.4297,
74.6712

■ 15.8001, 6.5115,
74.5535

Harmonies

Analogous

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



37.0105, 38.4327, 87.8118



43.4869, 38.4327, 79.2550



48.5236, 38.4327, 60.4864

Triad

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



43.4869, 38.4327, 79.2550



42.5612, 38.4327, 17.7832



25.5698, 38.4327, 43.2342

Complementary

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



43.4869, 38.4327, 79.2550



60.8849, 72.2886, 42.1981

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.



26.6945, 38.4327, 27.4934



43.4869, 38.4327, 79.2550



36.0520, 38.4327, 15.6025

Square

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



43.4869, 38.4327, 79.2550



47.9468, 38.4327, 25.7357



30.3561, 38.4327, 18.5703



27.0852, 38.4327, 63.5766

Rectangle

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



43.4869, 38.4327, 79.2550



50.1150, 38.4327, 46.7872



30.3561, 38.4327, 18.5703



25.6514, 38.4327, 37.2668

Sweetspot

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



43.4882, 38.4342, 79.2559



80.7295, 81.3323, 106.0515



51.3894, 59.7965, 82.9628



16.8785, 16.8890, 22.6203



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.



43.4882, 38.4342, 79.2559



49.5838, 41.6521, 100.0341



52.4781, 43.0687, 79.6766



13.9141, 14.0579, 18.1244



9.1255, 3.7703, 42.6299



0.7573, 0.3214, 3.1541

Inverse Universe

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



55.9604, 45.1394, 67.3922



67.9228, 51.5234, 82.0453



51.8053, 67.6079, 41.7731



14.8352, 14.5513, 17.3328



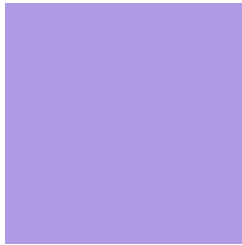
22.8121, 11.2590, 23.7031



1.7220, 0.8465, 1.9425

Previews

White Background



This preview shows how the XYZ color 43.4869, 38.4327, 79.2550 looks on a white background.

Color Contrast Check

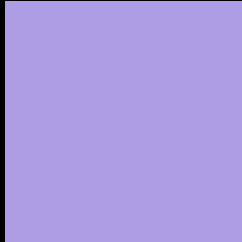
Large Text (above 18pt) WCAG AA × Fail

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 43.4869, 38.4327, 79.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

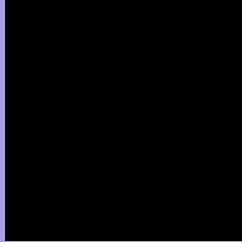
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4869, 38.4327, 79.2550

Background



This preview shows how black text looks on a background with the XYZ color 43.4869, 38.4327, 79.2550.



This preview shows how white text looks on a background with the XYZ color 43.4869, 38.4327,

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

43.4869, 38.4327, 79.2550

Protanopia

39.7725, 38.4784, 83.9281

Deuteranopia

39.3533, 38.3929, 78.0095



Tritanopia

37.2900, 38.5264, 48.1188

Trichromacy



Original Color

43.4869, 38.4327, 79.2550

Protanomaly

40.9704, 38.3415, 82.3321

Deuteranomaly

40.6531, 38.2593, 78.6409

Tritanomaly

39.1468, 38.1967, 58.1328

Monochromacy



Original Color

43.4869, 38.4327, 79.2550

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.6537, 39.3298, 54.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4869, 38.4327, 79.2550 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, 156, 229)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 229)  
}
```

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, 156, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 229) }
```

Border

The CSS property to change the border of an element to XYZ 43.4869, 38.4327, 79.2550 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, 156, 229) }
```


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

```
.border{ border-color:rgb(174, 156, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 229);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4869, 38.4327, 79.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 229) }
```

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

```
.background{ background-color: rgb(174,  
156, 229) }
```

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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