

Converting Colors

XYZ(44.3969, 43.4851, 78.0050)

Have a look what the booklet for
XYZ(44.3969, 43.4851, 78.0050)
contains.

XYZ(44.3969, 43.4851, 78.0050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.3969, 43.4851,
78.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ADE2
RGB	166, 173, 226
RGB Percent	65%, 68%, 89%
CMY	0.3490, 0.3216, 0.1137
CMYK	0.27, 0.23, 0.00, 0.11
HSL	233°, 51%, 77%
HSV	233°, 27%, 89%
XYZ	44.3969, 43.4851, 78.0050
YIQ	176.9490, -21.1850, 14.9990

Conversions

Conversions Part 2

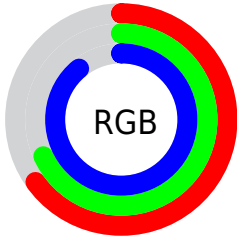
Format	Color
RYB	166, 172, 226
Decimal	10923490
CIELab	71.88, 9.14, -27.44
CIELCh	72, 28.919, 288.431
Yxy	43.4851, 0.2676, 0.2621
Android (android.graphics.Color)	4289113570 (0xFFA6ADE2)
YUV	176.9490, 24.1821, -9.6023
Hunter-Lab	65.9432, 4.7761, -23.9746

Details

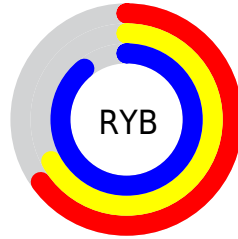
The XYZ color **44.3969, 43.4851, 78.0050** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.5791, 69.5854, 46.1581**, and the grayscale version is **41.6494, 43.8184, 47.7182**.

A 20% lighter version of the original color is **75.9176, 78.2364, 105.7076**, and **20.9031, 20.0877, 40.8058** is the 20% darker color. If you saturate the color by 10%, you get **36.5230, 34.1624, 76.6213**, and if you desaturate by 10%, it is **53.6781, 54.3843, 79.6203**.

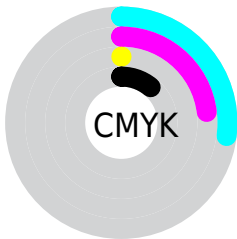
Distribution



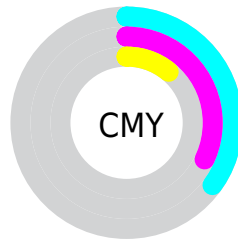
- Red (65%)
- Green (68%)
- Blue (89%)



- Red (65%)
- Yellow (67%)
- Blue (89%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3969, 43.4851, 78.0050 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 44.3969, 43.4851, 78.0050 by changing the saturation by 10% instead.

■ 44.3969, 43.4851,
78.0050

■ 44.3969, 43.4851,
78.0050

355.1504,
360.6030, 507.7122

■ 31.1819, 30.2659,
57.5616

■ 81.0573, 80.4424,
132.3431

■ 20.8899, 20.0405,
41.0439

■ 105.2334,
104.9493, 167.0749

■ 13.1556, 12.4245,
28.0335

133.7940,
133.9875, 207.4066

■ 7.6135, 7.0335,
18.1116

167.1043,
167.9415, 253.7567

■ 3.8984, 3.4830,
10.8599

205.5297,
207.1957, 306.5438

■ 1.6448, 1.3888,
5.8597

249.4356,

■ 0.4213, 0.2085,

252.1344, 366.1863

2.6926

299.1874,
303.1420, 433.1030

■ 0.0000, 0.0000,
0.9397

■ 0.0000, 0.0000,
0.0000

■ 44.3969, 43.4851,
78.0050

■ 44.3969, 43.4851,
78.0050

■ 36.5230, 34.1624,
76.6213

■ 53.6781, 54.3843,
79.6203

■ 29.9833, 26.3380,
75.4557

■ 64.4263, 66.9230,
81.4741

■ 24.7044, 19.9348,
74.4980

■ 76.7032, 81.1672,
83.5764

■ 20.6042, 14.8666,
73.7358

■ 90.0474, 96.9106,
85.9119

■ 17.5909, 11.0379,
73.1556

■ 90.7276, 98.2710,
86.1386

■ 15.5582, 8.3399,
72.7420

■ 14.3764, 6.6437,
72.4769

■ 14.1053, 6.2463,
72.4145

Harmonies

Analogous

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



39.4618, 43.4851, 79.1824



44.3969, 43.4851, 78.0050



48.8255, 43.4851, 67.7099

Triad

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



44.3969, 43.4851, 78.0050



47.9357, 43.4851, 29.8237



32.7339, 43.4851, 42.1166

Complementary

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



44.3969, 43.4851, 78.0050



63.5791, 69.5854, 46.1581

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.



34.6460, 43.4851, 31.5417



44.3969, 43.4851, 78.0050



43.2589, 43.4851, 25.4453

Square

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



44.3969, 43.4851, 78.0050



50.9778, 43.4851, 39.2835



38.4101, 43.4851, 26.0045



32.9856, 43.4851, 56.4466

Rectangle

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



44.3969, 43.4851, 78.0050



50.7742, 43.4851, 58.0296



38.4101, 43.4851, 26.0045



33.1384, 43.4851, 38.0647

Sweetspot

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



44.3983, 43.4868, 78.0060



82.4575, 85.3711, 106.7400



55.5782, 67.5626, 76.4421



17.1737, 17.7189, 22.7649



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.



44.3983, 43.4868, 78.0060



52.2894, 49.9844, 101.4998



48.1039, 43.4561, 77.8048



13.0802, 13.4995, 17.3040



8.0911, 3.6518, 41.3268



0.6042, 0.3399, 2.8790

Inverse Universe

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



52.5442, 46.4596, 45.7352



64.7994, 54.7164, 51.9028



58.9821, 69.9842, 46.4773



13.7720, 13.7264, 14.5693



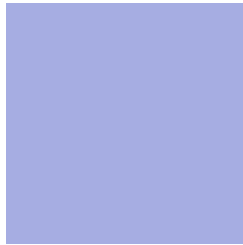
18.0242, 9.2767, 1.5274



1.2712, 0.6518, 0.2211

Previews

White Background



This preview shows how the XYZ color 44.3969, 43.4851, 78.0050 looks on a white background.

Color Contrast Check

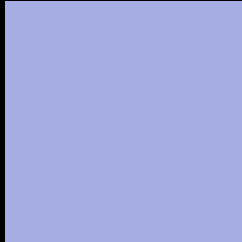
Large Text (above 18pt) WCAG AA × Fail

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 44.3969, 43.4851, 78.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

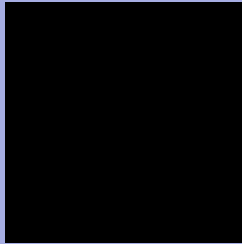
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3969, 43.4851, 78.0050

Background



This preview shows how black text looks on a background with the XYZ color 44.3969, 43.4851, 78.0050.



This preview shows how white text looks on a background with the XYZ color 44.3969, 43.4851,

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

44.3969, 43.4851, 78.0050

Protanopia

43.9015, 43.4995, 78.7554

Deuteranopia

44.6074, 43.5936, 78.0149



Tritanopia

40.0438, 43.4614, 56.7304

Trichromacy



Original Color

44.3969, 43.4851, 78.0050

Protanomaly

44.1054, 43.6047, 78.7650

Deuteranomaly

44.6074, 43.5936, 78.0149

Tritanomaly

41.6419, 43.5334, 63.9656

Monochromacy



Original Color

44.3969, 43.4851, 78.0050

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6092, 43.8750, 57.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3969, 43.4851, 78.0050 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(166, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 226)  
}
```

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(166, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 226) }
```

Border

The CSS property to change the border of an element to XYZ 44.3969, 43.4851, 78.0050 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(166, 173, 226) }
```


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

```
.border{ border-color:rgb(166, 173, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3969, 43.4851, 78.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 226) }
```

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

```
.background{ background-color: rgb(166,  
173, 226) }
```

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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