

Converting Colors

XYZ(44.1627, 44.4236, 78.8539)

Have a look what the booklet for
XYZ(44.1627, 44.4236, 78.8539)
contains.

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Color

**XYZ(44.2852, 44.5674,
78.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B1E3
RGB	161, 177, 227
RGB Percent	63%, 69%, 89%
CMY	0.3686, 0.3059, 0.1098
CMYK	0.29, 0.22, 0.00, 0.11
HSL	225°, 54%, 76%
HSV	225°, 29%, 89%
XYZ	44.2852, 44.5674, 78.9413
YIQ	177.9160, -25.5860, 12.1580

Conversions

Conversions Part 2

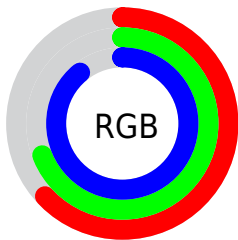
Format	Color
R_{YB}	161, 174, 227
Decimal	10596835
CIE Lab	72.61, 5.70, -26.90
CIE LCh	73, 27.499, 281.964
Yxy	44.5674, 0.2639, 0.2656
Android (android.graphics.Color)	4288786915 (0xFFA1B1E3)
YUV	177.9160, 24.1984, -14.8353
Hunter-Lab	66.7588, 1.5820, -23.3784

Details

The XYZ color **44.2852, 44.5674, 78.9413** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.4065, 65.4931, 43.1246**, and the grayscale version is **42.1595, 44.3551, 48.3027**.

A 20% lighter version of the original color is **75.8042, 80.2495, 106.1021**, and **20.8686, 20.7957, 41.4421** is the 20% darker color. If you saturate the color by 10%, you get **36.9340, 36.0499, 77.6855**, and if you desaturate by 10%, it is **52.8978, 54.3726, 80.3807**.

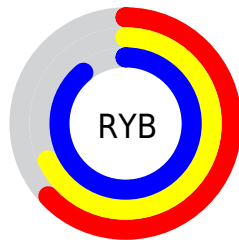
Distribution



Red (63%)

Green (69%)

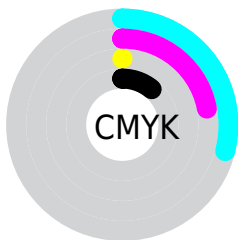
Blue (89%)



Red (63%)

Yellow (68%)

Blue (89%)

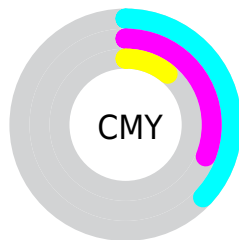


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2852, 44.5674, 78.9413 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 44.2852, 44.5674, 78.9413 by changing the saturation by 10% instead.

■ 44.2852, 44.5674,
78.9413

■ 44.2852, 44.5674,
78.9413

354.7034,
365.0187, 510.9701

■ 31.0937, 31.1168,
58.3265

■ 80.8904, 82.0709,
133.6741

■ 20.8224, 20.6878,
41.6548

■ 105.0348,
106.8925, 168.6293

■ 13.1059, 12.8960,
28.5075

133.5609,
136.2734, 209.2016

■ 7.5790, 7.3570,
18.4662

166.8339,
170.5978, 255.8097

■ 3.8763, 3.6863,
11.1123

205.2193,
210.2501, 308.8720

■ 1.6324, 1.4997,
6.0273

249.0825,

■ 0.4134, 0.2885,

255.6148, 368.8072

2.7926

298.7887,
307.0762, 436.0337

■ 0.0000, 0.0000,
0.9898

■ 0.0000, 0.0000,
0.0000

■ 44.2852, 44.5674,
78.9413

■ 44.2852, 44.5674,
78.9413

■ 36.9340, 36.0499,
77.6855

■ 52.8978, 54.3726,
80.3807

■ 30.7791, 28.7600,
76.6028

■ 62.8240, 65.5117,
82.0076

■ 25.7557, 22.6403,
75.6863

■ 74.1183, 78.0351,
83.8296

■ 21.7911, 17.6266,
74.9275

■ 86.8310, 91.9889,
85.8529

■ 18.8037, 13.6481,
74.3171

■ 90.8653, 98.3261,
86.8635

■ 16.6983, 10.6243,
73.8444

■ 15.3363, 8.4491,
73.4963

■ 15.2331, 8.2817,
73.4694

Harmonies

Analogous

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



39.5897, 44.5674, 77.9517



44.2852, 44.5674, 78.9413



48.7775, 44.5674, 70.7357

Triad

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



44.2852, 44.5674, 78.9413



49.5343, 44.5674, 33.0285



34.2417, 44.5674, 40.8567

Complementary

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



44.2852, 44.5674, 78.9413



61.4065, 65.4931, 43.1246

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.



36.5315, 44.5674, 31.5329



44.2852, 44.5674, 78.9413



45.2566, 44.5674, 27.6306

Square

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



44.2852, 44.5674, 78.9413



51.9565, 44.5674, 43.2943



40.4914, 44.5674, 27.1400



34.0244, 44.5674, 54.1638

Rectangle

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



44.2852, 44.5674, 78.9413



50.9604, 44.5674, 61.9148



40.4914, 44.5674, 27.1400



34.7861, 44.5674, 37.2220

Sweetspot

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



44.2867, 44.5692, 78.9423



81.8072, 85.3087, 106.7623



53.8634, 67.1943, 71.4318



17.0815, 17.7812, 22.7818



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.



44.2867, 44.5692, 78.9423



51.5762, 51.0054, 101.7344



44.8568, 40.4431, 78.1159



13.8652, 14.4517, 18.2030



8.9601, 4.9823, 42.8726



0.7335, 0.5109, 3.1919

Inverse Universe

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



52.3604, 44.9963, 47.5223



63.8420, 52.0461, 53.9127



60.6240, 71.2874, 44.2842



14.5195, 14.4250, 15.6703



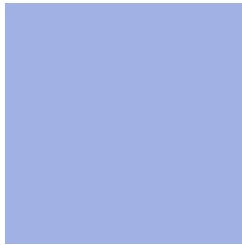
18.9162, 9.7007, 3.1875



1.4339, 0.7313, 0.4252

Previews

White Background



This preview shows how the XYZ color 44.2852, 44.5674, 78.9413 looks on a white background.

Color Contrast Check

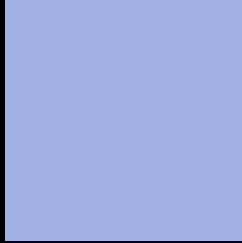
Large Text (above 18pt) WCAG AA × Fail

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 44.2852, 44.5674, 78.9413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

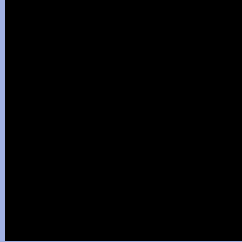
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2852, 44.5674, 78.9413

Background



This preview shows how black text looks on a background with the XYZ color 44.2852, 44.5674, 78.9413.



This preview shows how white text looks on a background with the XYZ color 44.2852, 44.5674,

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

44.2852, 44.5674, 78.9413

Protanopia

44.7699, 44.5410, 78.1892

Deuteranopia

45.5573, 44.6410, 78.8885



Tritanopia

40.3236, 44.4557, 59.2788

Trichromacy



Original Color

44.2852, 44.5674, 78.9413

Protanomaly

44.5626, 44.4342, 78.1795

Deuteranomaly

45.1163, 44.7037, 78.9238

Tritanomaly

41.6111, 44.3647, 66.0446

Monochromacy



Original Color

44.2852, 44.5674, 78.9413

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8975, 44.5970, 58.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2852, 44.5674, 78.9413 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(161, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(161, 177, 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(161, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 177, 227) }
```

Border

The CSS property to change the border of an element to XYZ 44.2852, 44.5674, 78.9413 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(161, 177, 227) }
```


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

```
.border{ border-color:rgb(161, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(161, 177,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2852, 44.5674, 78.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 177, 227) }
```

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

```
.background{ background-color: rgb(161,  
177, 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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