

Converting Colors

XYZ(44.2822, 44.4436, 71.2103)

Have a look what the booklet for
XYZ(44.2822, 44.4436, 71.2103)
contains.

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Color

**XYZ(44.2822, 44.4436,
71.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B0D8
RGB	169, 176, 216
RGB Percent	66%, 69%, 85%
CMY	0.3372, 0.3098, 0.1529
CMYK	0.22, 0.19, 0.00, 0.15
HSL	231°, 38%, 75%
HSV	231°, 22%, 85%
XYZ	44.2822, 44.4436, 71.2103
YIQ	178.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

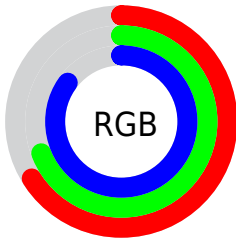
Format	Color
RYB	169, 175, 216
Decimal	11120856
CIELab	72.52, 6.05, -20.98
CIElCh	73, 21.829, 286.078
Yxy	44.4436, 0.2769, 0.2779
Android (android.graphics.Color)	4289310936 (0xFFA9B0D8)
YUV	178.4670, 18.5038, -8.3026
Hunter-Lab	66.6660, 1.9012, -16.6653

Details

The XYZ color **44.2822, 44.4436, 71.2103** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.2812, 63.0644, 46.6382**, and the grayscale version is **42.4769, 44.6890, 48.6663**.

A 20% lighter version of the original color is **77.9579, 80.9408, 106.1220**, and **20.8431, 20.7015, 36.6155** is the 20% darker color. If you saturate the color by 10%, you get **36.6621, 35.5231, 69.8908**, and if you desaturate by 10%, it is **53.1587, 54.7385, 72.7303**.

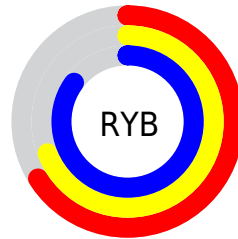
Distribution



Red (66%)

Green (69%)

Blue (85%)



Red (66%)

Yellow (69%)

Blue (85%)

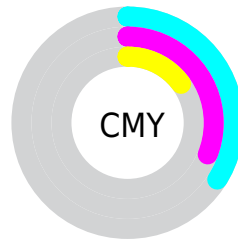


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (34%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2822, 44.4436, 71.2103 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 44.2822, 44.4436, 71.2103 by changing the saturation by 10% instead.

■ 44.2822, 44.4436,
71.2103

■ 44.2822, 44.4436,
71.2103

354.6914,
364.5154, 483.6917

■ 31.0913, 31.0194,
52.0309

■ 80.8859, 81.8848,
122.6304

■ 20.8205, 20.6136,
36.6473

105.0295,
106.6707, 155.7082

■ 13.1046, 12.8419,
24.6409

133.5546,
136.0125, 194.2559

■ 7.5781, 7.3197,
15.5931

166.8267,
170.2947, 238.6920

■ 3.8757, 3.6629,
9.0855

205.2110,
209.9017, 289.4351

■ 1.6321, 1.4868,
4.6994

249.0730,

■ 0.4132, 0.2794,

255.2179, 346.9037

2.0164

298.7780,
306.6277, 411.5164

■ 0.0000, 0.0000,
0.5653

■ 0.0000, 0.0000,
0.0000

■ 44.2822, 44.4436,
71.2103

■ 44.2822, 44.4436,
71.2103

■ 36.6621, 35.5231,
69.8908

■ 53.1587, 54.7385,
72.7303

■ 30.2372, 27.9132,
68.7606

■ 63.3407, 66.4572,
74.4556

■ 24.9472, 21.5531,
67.8118

■ 74.8799, 79.6532,
76.3945

■ 20.7252, 16.3752,
67.0349

■ 87.6755, 94.2992,
78.5471

■ 17.4969, 12.3051,
66.4194

■ 89.3948, 97.7379,
79.1202

■ 15.1781, 9.2598,
65.9538

■ 13.6703, 7.1440,
65.6249

■ 12.9161, 6.0006,
65.4440

Harmonies

Analogous

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



40.5219, 44.4436, 71.4723



44.2822, 44.4436, 71.2103



47.6826, 44.4436, 64.2708

Triad

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



44.2822, 44.4436, 71.2103



47.4737, 44.4436, 34.9236



35.5888, 44.4436, 43.5659

Complementary

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



44.2822, 44.4436, 71.2103



58.2812, 63.0644, 46.6382

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.



37.2324, 44.4436, 35.3702



44.2822, 44.4436, 71.2103



44.0107, 44.4436, 30.9063

Square

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



44.2822, 44.4436, 71.2103



49.5987, 44.4436, 42.8658



40.2660, 44.4436, 31.0565



35.6518, 44.4436, 54.3728

Rectangle

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



44.2822, 44.4436, 71.2103



49.2222, 44.4436, 57.3085



40.2660, 44.4436, 31.0565



35.9556, 44.4436, 40.4511

Sweetspot

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



44.2836, 44.4454, 71.2113



84.1291, 87.4582, 107.0548



52.4214, 62.1486, 69.5230



17.8153, 18.4988, 22.8816



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.



44.2836, 44.4454, 71.2113



59.2881, 58.6529, 102.8041



46.7000, 43.7053, 70.9411



11.8904, 12.3043, 15.6858



7.6938, 3.6493, 38.7520



0.5126, 0.3172, 2.3535

Inverse Universe

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



50.3445, 46.1106, 47.3231



69.6329, 61.6302, 62.0014



55.4176, 64.1946, 47.0073



12.4979, 12.4507, 13.2962



16.9423, 8.7132, 1.7343



1.0464, 0.5353, 0.2336

Previews

White Background



This preview shows how the XYZ color 44.2822, 44.4436, 71.2103 looks on a white background.

Color Contrast Check

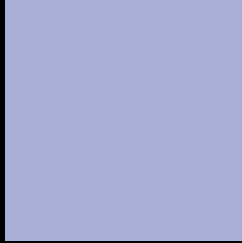
Large Text (above 18pt) WCAG AA × Fail

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 44.2822, 44.4436, 71.2103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

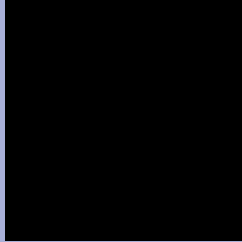
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2822, 44.4436, 71.2103

Background



This preview shows how black text looks on a background with the XYZ color 44.2822, 44.4436, 71.2103.



This preview shows how white text looks on a background with the XYZ color 44.2822, 44.4436,

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

44.2822, 44.4436, 71.2103

Protanopia

44.2822, 44.4436, 71.2103

Deuteranopia

45.4352, 44.4601, 71.1527



Tritanopia

41.5759, 44.5369, 57.4441

Trichromacy



Original Color

44.2822, 44.4436, 71.2103

Protanomaly

44.2822, 44.4436, 71.2103

Deuteranomaly

44.9582, 44.5020, 71.1859

Tritanomaly

42.5067, 44.6115, 62.2476

Monochromacy



Original Color

44.2822, 44.4436, 71.2103

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9158, 44.3640, 56.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2822, 44.4436, 71.2103 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(169, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 216)  
}
```

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(169, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 216) }
```

Border

The CSS property to change the border of an element to XYZ 44.2822, 44.4436, 71.2103 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(169, 176, 216) }
```


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

```
.border{ border-color:rgb(169, 176, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2822, 44.4436, 71.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 216) }
```

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

```
.background{ background-color: rgb(169,  
176, 216) }
```

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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