

Converting Colors

XYZ(44.6816, 44.2307, 71.3246)

Have a look what the booklet for
XYZ(44.6816, 44.2307, 71.3246)
contains.

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Color

**XYZ(44.7379, 44.3885,
71.1756)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ACAFD8 |
| RGB | 172, 175, 216 |
| RGB Percent | 67%, 69%, 85% |
| CMY | 0.3255, 0.3137, 0.1529 |
| CMYK | 0.20, 0.19, 0.00, 0.15 |
| HSL | 236°, 36%, 76% |
| HSV | 236°, 20%, 85% |
| XYZ | 44.7379, 44.3885, 71.1756 |
| YIQ | 178.7770, -14.9490, 12.1150 |

Conversions

Conversions Part 2

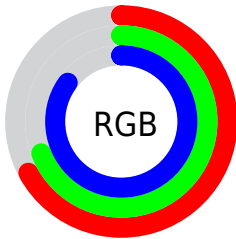
| Format | Color |
|-------------------------------------|---|
| RYB | 172, 175, 216 |
| Decimal | 11317208 |
| CIELab | 72.49, 7.53, -21.01 |
| CIELCh | 72, 22.319, 289.714 |
| Yxy | 44.3885, 0.2791, 0.2769 |
| Android (android.graphics.Color) | 4289507288 (0xFFACAFD8) |
| YUV | 178.7770, 18.3509, -5.9434 |
| Hunter-Lab | 66.6247, 3.2680, -16.7026 |

Details

The XYZ color **44.7379, 44.3885, 71.1756** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.5599, 65.1659, 48.4700**, and the grayscale version is **42.6414, 44.8620, 48.8548**.

A 20% lighter version of the original color is **78.3417, 80.3076, 105.9796**, and **21.1237, 20.6611, 36.5929** is the 20% darker color. If you saturate the color by 10%, you get **36.7476, 34.8821, 69.7625**, and if you desaturate by 10%, it is **54.0854, 55.4634, 72.8213**.

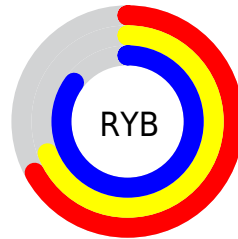
Distribution



Red (67%)

Green (69%)

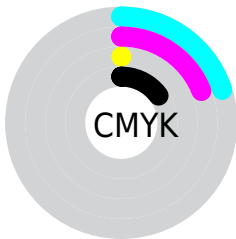
Blue (85%)



Red (67%)

Yellow (69%)

Blue (85%)

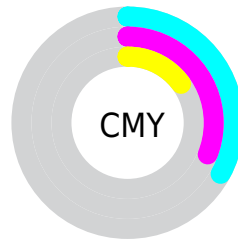


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7379, 44.3885, 71.1756 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 44.7379, 44.3885, 71.1756 by changing the saturation by 10% instead.

■ 44.7379, 44.3885,
71.1756

■ 44.7379, 44.3885,
71.1756

356.5126,
364.2913, 483.5672

■ 31.4514, 30.9760,
52.0028

■ 81.5665, 81.8020,
122.5805

■ 21.0964, 20.5806,
36.6250

105.8392,
106.5719, 155.6497

■ 13.3073, 12.8178,
24.6238

134.5049,
135.8963, 194.1881

■ 7.7190, 7.3032,
15.5805

167.9286,
170.1598, 238.6143

■ 3.9659, 3.6524,
9.0767

206.4759,
209.7466, 289.3467

■ 1.6829, 1.4811,
4.6937

250.5121,

■ 0.4455, 0.2754,

255.0412, 346.8040

2.0131

300.4026,
306.4280, 411.4047

■ 0.0000, 0.0000,
0.5633

■ 0.0000, 0.0000,
0.0000

■ 44.7379, 44.3885,
71.1756

■ 44.7379, 44.3885,
71.1756

■ 36.7476, 34.8821,
69.7625

■ 54.0854, 55.4634,
72.8213

■ 30.0473, 26.8681,
68.5688

■ 64.8446, 68.1675,
74.7064

■ 24.5705, 20.2722,
67.5844

■ 77.0722, 82.5650,
76.8409

■ 20.2431, 15.0117,
66.7971

■ 89.3948, 97.7379,
79.1201

■ 16.9829, 10.9953,
66.1936

■ 14.6967, 8.1198,
65.7591

■ 13.2753, 6.2660,
65.4762

■ 12.5619, 5.2922,
65.3258

Harmonies

Analogous

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



40.8812, 44.3885, 72.3499



44.7379, 44.3885, 71.1756



48.0956, 44.3885, 63.3850

Triad

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



44.7379, 44.3885, 71.1756



47.1624, 44.3885, 33.8896



35.3142, 44.3885, 44.6421

Complementary

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



44.7379, 44.3885, 71.1756



59.5599, 65.1659, 48.4700

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.



36.7886, 44.3885, 35.8727



44.7379, 44.3885, 71.1756



43.5263, 44.3885, 30.3212

Square

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



44.7379, 44.3885, 71.1756



49.5533, 44.3885, 41.5238



39.7406, 44.3885, 30.9872



35.5947, 44.3885, 55.8454

Rectangle

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



44.7379, 44.3885, 71.1756



49.5251, 44.3885, 56.0649



39.7406, 44.3885, 30.9872



35.6173, 44.3885, 41.3441

Sweetspot

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



44.7393, 44.3903, 71.1766



85.2629, 88.4518, 107.1868



53.4958, 62.6535, 71.7826



18.0317, 18.6748, 22.9042



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.



44.7393, 44.3903, 71.1766



60.4352, 59.0397, 102.8183



48.4668, 45.4542, 71.1855



11.8100, 12.1433, 15.6590



7.4637, 3.1892, 38.6754



0.4746, 0.2412, 2.3409

Inverse Universe

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



50.8104, 47.2003, 46.9920



70.6775, 63.8307, 62.0065



55.2041, 64.0516, 48.4845



12.4573, 12.4344, 13.0823



16.8262, 8.6668, 1.1229



1.0272, 0.5277, 0.1326

Previews

White Background



This preview shows how the XYZ color 44.7379, 44.3885, 71.1756 looks on a white background.

Color Contrast Check

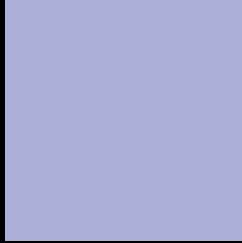
Large Text (above 18pt) WCAG AA × Fail

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 44.7379, 44.3885, 71.1756 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 44.7379, 44.3885, 71.1756

Background



This preview shows how black text looks on a background with the XYZ color 44.7379, 44.3885, 71.1756.



This preview shows how white text looks on a background with the XYZ color 44.7379, 44.3885,

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

44.7379, 44.3885, 71.1756

Protanopia

44.4119, 44.4954, 71.8934

Deuteranopia

45.4352, 44.4601, 71.1527



Tritanopia

41.8942, 44.4153, 56.8170

Trichromacy



Original Color

44.7379, 44.3885, 71.1756

Protanomaly

44.6273, 44.6065, 71.9034

Deuteranomaly

45.2099, 44.3439, 71.1422

Tritanomaly

42.8252, 44.4929, 61.5892

Monochromacy



Original Color

44.7379, 44.3885, 71.1756

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3393, 44.8767, 56.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7379, 44.3885, 71.1756 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(172, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 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(172, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 216) }
```

Border

The CSS property to change the border of an element to XYZ 44.7379, 44.3885, 71.1756 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(172, 175, 216) }
```


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

```
.border{ border-color:rgb(172, 175, 216) }
```

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

Here you see how a box with a 4 pixel rgb(172, 175, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7379, 44.3885, 71.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 216) }
```

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

```
.background{ background-color: rgb(172,  
175, 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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