

Converting Colors

XYZ(44.6275, 43.1322, 77.6881)

Have a look what the booklet for
XYZ(44.6275, 43.1322, 77.6881)
contains.

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Color

**XYZ(44.6526, 43.0518,
77.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ABE2
RGB	169, 171, 226
RGB Percent	66%, 67%, 89%
CMY	0.3372, 0.3294, 0.1137
CMYK	0.25, 0.24, 0.00, 0.11
HSL	238°, 50%, 77%
HSV	238°, 25%, 89%
XYZ	44.6526, 43.0518, 77.9079
YIQ	176.6720, -18.8470, 16.6810

Conversions

Conversions Part 2

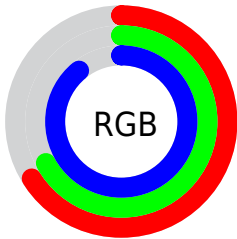
Format	Color
R_{YB}	169, 171, 226
Decimal	11119586
CIE _{Lab}	71.59, 11.15, -27.87
CIE _{LCh}	72, 30.014, 291.806
Yxy	43.0518, 0.2696, 0.2600
Android (android.graphics.Color)	4289309666 (0xFFA9ABE2)
YUV	176.6720, 24.3187, -6.7283
Hunter-Lab	65.6139, 6.6514, -24.4694

Details

The XYZ color **44.6526, 43.0518, 77.9079** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.1819, 72.3453, 48.0662**, and the grayscale version is **41.5028, 43.6642, 47.5503**.

A 20% lighter version of the original color is **76.2977, 77.6203, 105.5686**, and **21.0550, 19.8089, 40.7440** is the 20% darker color. If you saturate the color by 10%, you get **36.4320, 33.1962, 76.4396**, and if you desaturate by 10%, it is **54.3935, 54.7019, 79.6439**.

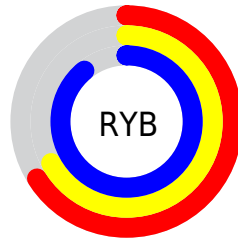
Distribution



Red (66%)

Green (67%)

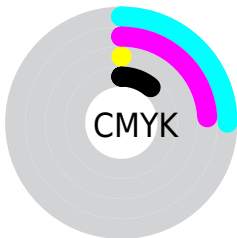
Blue (89%)



Red (66%)

Yellow (67%)

Blue (89%)

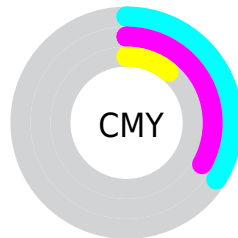


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6526, 43.0518, 77.9079 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 44.6526, 43.0518, 77.9079 by changing the saturation by 10% instead.

■ 44.6526, 43.0518,
77.9079

■ 44.6526, 43.0518,
77.9079

356.1722,
358.8248, 507.3736

■ 31.3840, 29.9258,
57.4823

■ 81.4391, 79.7890,
132.2050

■ 21.0447, 19.7822,
40.9807

105.6878,
104.1690, 166.9135

■ 13.2693, 12.2369,
27.9844

134.3271,
133.0691, 207.2202

■ 7.6925, 6.9052,
18.0750

167.7226,
166.8736, 253.5435

■ 3.9490, 3.4029,
10.8338

206.2394,
205.9671, 306.3019

■ 1.6733, 1.3455,
5.8424

250.2431,

■ 0.4395, 0.1760,

250.7338, 365.9141

2.6823

300.0989,
301.5583, 432.7985

■ 0.0000, 0.0000,
0.9345

■ 0.0000, 0.0000,
0.0000

■ 44.6526, 43.0518,
77.9079

■ 44.6526, 43.0518,
77.9079

■ 36.4320, 33.1962,
76.4396

■ 54.3935, 54.7019,
79.6439

■ 29.6511, 25.0410,
75.2229

■ 65.7216, 68.2240,
81.6569

■ 24.2283, 18.4917,
74.2445

■ 78.7048, 83.6972,
83.9592

■ 20.0720, 13.4422,
73.4889

■ 90.7276, 98.2710,
86.1386

■ 17.0796, 9.7737,
72.9386

■ 15.1320, 7.3496,
72.5733

■ 14.0851, 6.0051,
72.3690

■ 13.8137, 5.6632,
72.3173

Harmonies

Analogous

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



39.5442, 43.0518, 80.3382



44.6526, 43.0518, 77.9079



49.0783, 43.0518, 66.3684

Triad

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



44.6526, 43.0518, 77.9079



47.2552, 43.0518, 28.1629



32.0003, 43.0518, 43.0043

Complementary

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



44.6526, 43.0518, 77.9079



65.1819, 72.3453, 48.0662

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.



33.7189, 43.0518, 31.6312



44.6526, 43.0518, 77.9079



42.3262, 43.0518, 24.2975

Square

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



44.6526, 43.0518, 77.9079



50.6653, 43.0518, 37.2418



37.4004, 43.0518, 25.4207



32.5111, 43.0518, 58.0433

Rectangle

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



44.6526, 43.0518, 77.9079



50.9083, 43.0518, 56.1556



37.4004, 43.0518, 25.4207



32.3310, 43.0518, 38.6797

Sweetspot

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



44.6540, 43.0535, 77.9089



81.9779, 84.4119, 106.5802



56.8992, 68.1645, 80.0771



17.0541, 17.4798, 22.7250



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.



44.6540, 43.0535, 77.9089



53.0865, 49.8672, 101.4351



50.3320, 45.4239, 78.0672



12.9904, 13.3200, 17.2740



7.8986, 3.2667, 41.2626



0.5613, 0.2540, 2.8647

Inverse Universe

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



52.9039, 47.4864, 44.9072



65.6195, 56.6439, 51.2904



58.2719, 69.5858, 47.8978



13.7266, 13.7083, 14.3306



17.9270, 9.2378, 1.0155



1.2496, 0.6431, 0.1071

Previews

White Background



This preview shows how the XYZ color 44.6526, 43.0518, 77.9079 looks on a white background.

Color Contrast Check

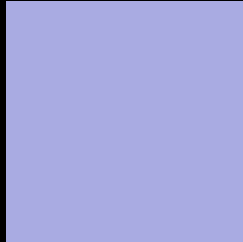
Large Text (above 18pt) WCAG AA × Fail

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 44.6526, 43.0518, 77.9079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

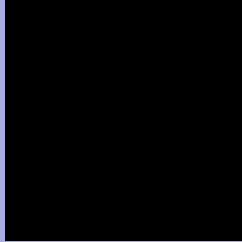
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6526, 43.0518, 77.9079

Background



This preview shows how black text looks on a background with the XYZ color 44.6526, 43.0518, 77.9079.



This preview shows how white text looks on a background with the XYZ color 44.6526, 43.0518,

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

44.6526, 43.0518, 77.9079

Protanopia

43.6451, 43.0656, 79.4109

Deuteranopia

43.9970, 42.9954, 77.9315



Tritanopia

40.0264, 42.8873, 55.4587

Trichromacy



Original Color

44.6526, 43.0518, 77.9079

Protanomaly

43.9275, 42.9436, 78.6468

Deuteranomaly

44.2059, 43.1030, 77.9413

Tritanomaly

41.7461, 43.0189, 63.2300

Monochromacy



Original Color

44.6526, 43.0518, 77.9079

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6359, 43.5987, 57.7980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6526, 43.0518, 77.9079 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, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 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(169, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 226) }
```

Border

The CSS property to change the border of an element to XYZ 44.6526, 43.0518, 77.9079 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, 171, 226) }
```


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

```
.border{ border-color:rgb(169, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6526, 43.0518, 77.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 226) }
```

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

```
.background{ background-color: rgb(169,  
171, 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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