

Converting Colors

XYZ(44.6826, 43.6482, 77.3041)

Have a look what the booklet for
XYZ(44.6826, 43.6482, 77.3041)
contains.

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Color

**XYZ(44.6826, 43.6482,
77.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ADE1
RGB	168, 173, 225
RGB Percent	66%, 68%, 88%
CMY	0.3412, 0.3216, 0.1176
CMYK	0.25, 0.23, 0.00, 0.12
HSL	235°, 49%, 77%
HSV	235°, 25%, 88%
XYZ	44.6826, 43.6482, 77.3041
YIQ	177.4330, -19.6720, 15.1120

Conversions

Conversions Part 2

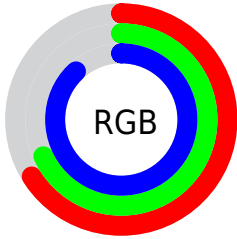
Format	Color
RYB	168, 173, 225
Decimal	11054561
CIELab	71.99, 9.50, -26.71
CIELCh	72, 28.348, 289.581
Yxy	43.6482, 0.2698, 0.2635
Android (android.graphics.Color)	4289244641 (0xFFA8ADE1)
YUV	177.4330, 23.4505, -8.2727
Hunter-Lab	66.0668, 5.1071, -23.1279

Details

The XYZ color **44.6826, 43.6482, 77.3041** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.7130, 70.0214, 47.2045**, and the grayscale version is **41.9066, 44.0890, 48.0129**.

A 20% lighter version of the original color is **76.5339, 78.5541, 105.7364**, and **21.1633, 20.2219, 40.8180** is the 20% darker color. If you saturate the color by 10%, you get **36.6625, 34.1136, 75.8872**, and if you desaturate by 10%, it is **54.1390, 54.8228, 78.9633**.

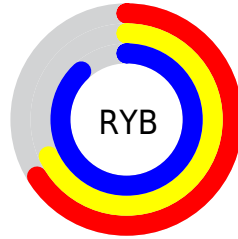
Distribution



Red (66%)

Green (68%)

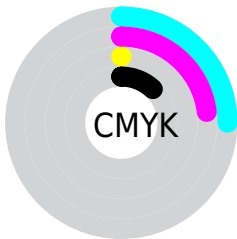
Blue (88%)



Red (66%)

Yellow (68%)

Blue (88%)

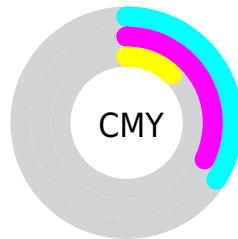


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (34%)

Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6826, 43.6482, 77.3041 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 44.6826, 43.6482, 77.3041 by changing the saturation by 10% instead.

■ 44.6826, 43.6482,
77.3041

■ 44.6826, 43.6482,
77.3041

356.2919,
361.2707, 505.2654

■ 31.4077, 30.3940,
56.9894

■ 81.4839, 80.6881,
131.3456

■ 21.0629, 20.1379,
40.5875

105.7410,
105.2426, 165.9095

■ 13.2827, 12.4953,
27.6796

134.3896,
134.3327, 206.0603

■ 7.7018, 7.0819,
17.8473

167.7950,
168.3428, 252.2164

■ 3.9549, 3.5134,
10.6721

206.3226,
207.6573, 304.7964

■ 1.6767, 1.4053,
5.7354

250.3377,

■ 0.4416, 0.2206,

252.6605, 364.2189

2.6187

300.2057,
303.7368, 430.9024

■ 0.0000, 0.0000,
0.9021

■ 0.0000, 0.0000,
0.0000

■ 44.6826, 43.6482,
77.3041

■ 44.6826, 43.6482,
77.3041

■ 36.6625, 34.1136,
75.8872

■ 54.1390, 54.8228,
78.9633

■ 30.0042, 26.1369,
74.6984

■ 65.0928, 67.7041,
80.8724

■ 24.6330, 19.6364,
73.7268

■ 77.6066, 82.3615,
83.0420

■ 20.4653, 14.5211,
72.9591

■ 90.5908, 98.2163,
85.4179

■ 17.4076, 10.6900,
72.3808

■ 15.3521, 8.0279,
71.9753

■ 14.1696, 6.3987,
71.7232

■ 13.8364, 5.9275,
71.6498

Harmonies

Analogous

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



39.8267, 43.6482, 78.8375



44.6826, 43.6482, 77.3041



48.9790, 43.6482, 66.9761

Triad

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



44.6826, 43.6482, 77.3041



47.8147, 43.6482, 29.9915



32.9934, 43.6482, 42.8685

Complementary

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



44.6826, 43.6482, 77.3041



63.7130, 70.0214, 47.2045

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.



34.7996, 43.6482, 32.2603



44.6826, 43.6482, 77.3041



43.1914, 43.6482, 25.8439

Square

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



44.6826, 43.6482, 77.3041



50.8823, 43.6482, 39.1445



38.4462, 43.6482, 26.5846



33.3247, 43.6482, 57.0247

Rectangle

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



44.6826, 43.6482, 77.3041



50.8290, 43.6482, 57.4392



38.4462, 43.6482, 26.5846



33.3649, 43.6482, 38.8236

Sweetspot

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



44.6840, 43.6499, 77.3051



82.2869, 85.0298, 106.6832



55.9004, 67.3065, 77.2711



17.1311, 17.6338, 22.7507



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.



44.6840, 43.6499, 77.3051



53.9184, 51.5309, 101.7124



49.0300, 44.4932, 77.2388



13.0482, 13.4356, 17.2933



8.0086, 3.4868, 41.2993



0.5890, 0.3094, 2.8739

Inverse Universe

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



52.5980, 47.0312, 45.8427



66.0394, 56.8119, 53.5015



58.4054, 69.2630, 47.3379



13.7558, 13.7200, 14.4843



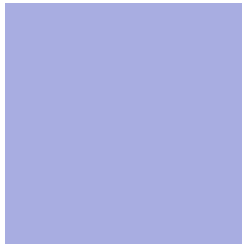
17.9826, 9.2600, 1.3080



1.2635, 0.6487, 0.1807

Previews

White Background



This preview shows how the XYZ color 44.6826, 43.6482, 77.3041 looks on a white background.

Color Contrast Check

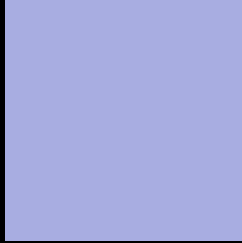
Large Text (above 18pt) WCAG AA × Fail

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 44.6826, 43.6482, 77.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

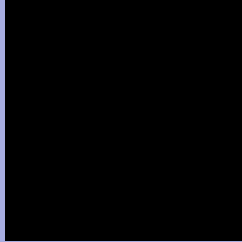
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6826, 43.6482, 77.3041

Background



This preview shows how black text looks on a background with the XYZ color 44.6826, 43.6482, 77.3041.



This preview shows how white text looks on a background with the XYZ color 44.6826, 43.6482,

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

44.6826, 43.6482, 77.3041

Protanopia

43.9678, 43.5496, 78.0401

Deuteranopia

44.6826, 43.6482, 77.3041



Tritanopia

40.6460, 43.7718, 56.7586

Trichromacy



Original Color

44.6826, 43.6482, 77.3041

Protanomaly

44.3806, 43.7624, 78.0594

Deuteranomaly

44.6826, 43.6482, 77.3041

Tritanomaly

42.0514, 43.7446, 63.9848

Monochromacy



Original Color

44.6826, 43.6482, 77.3041

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7185, 43.9444, 57.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6826, 43.6482, 77.3041 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(168, 173, 225)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 225)  
}
```

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(168, 173, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 225) }
```

Border

The CSS property to change the border of an element to XYZ 44.6826, 43.6482, 77.3041 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(168, 173, 225) }
```


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

```
.border{ border-color:rgb(168, 173, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 173, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 173, 225); box-shadow:4px 4px 4px 4px rgb(168, 173, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6826, 43.6482, 77.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 225) }
```

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

```
.background{ background-color: rgb(168,  
173, 225) }
```

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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