

Converting Colors

XYZ(46.2031, 44.5166, 78.7954)

Have a look what the booklet for
XYZ(46.2031, 44.5166, 78.7954)
contains.

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Color

**XYZ(46.0423, 44.3174,
78.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	ADADE3
RGB	173, 173, 227
RGB Percent	68%, 68%, 89%
CMY	0.3216, 0.3216, 0.1098
CMYK	0.24, 0.24, 0.00, 0.11
HSL	240°, 49%, 78%
HSV	240°, 24%, 89%
XYZ	46.0423, 44.3174, 78.8005
YIQ	179.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

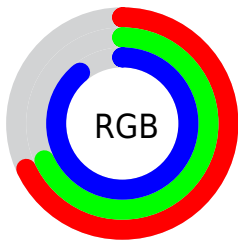
Format	Color
RYB	173, 173, 227
Decimal	11382243
CIELab	72.44, 11.48, -27.08
CIELCh	72, 29.412, 292.966
Yxy	44.3174, 0.2722, 0.2620
Android (android.graphics.Color)	4289572323 (0xFFADADE3)
YUV	179.1560, 23.5871, -5.3988
Hunter-Lab	66.5713, 6.9550, -23.5817

Details

The XYZ color **46.0423, 44.3174, 78.8005** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.6912, 74.2867, 50.3604**, and the grayscale version is **42.8169, 45.0467, 49.0558**.

A 20% lighter version of the original color is **78.1065, 79.3648, 105.8100**, and **21.9338, 20.6081, 41.3498** is the 20% darker color. If you saturate the color by 10%, you get **37.4536, 33.9687, 77.2564**, and if you desaturate by 10%, it is **56.2261, 56.5882, 80.6330**.

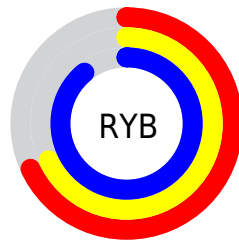
Distribution



Red (68%)

Green (68%)

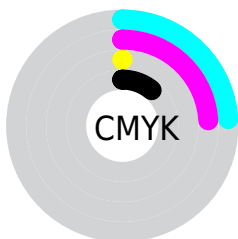
Blue (89%)



Red (68%)

Yellow (68%)

Blue (89%)

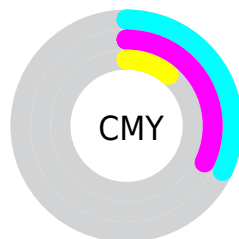


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0423, 44.3174, 78.8005 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 46.0423, 44.3174, 78.8005 by changing the saturation by 10% instead.

■ 46.0423, 44.3174,
78.8005

■ 46.0423, 44.3174,
78.8005

361.6918,
364.0019, 510.4810

■ 32.4840, 30.9201,
58.2114

■ 83.5098, 81.6951,
133.4741

■ 21.8888, 20.5380,
41.5628

108.1496,
106.4444, 168.3957

■ 13.8913, 12.7867,
28.4361

137.2140,
135.7464, 208.9319

■ 8.1263, 7.2819,
18.4128

171.0683,
169.9856, 255.5013

■ 4.2284, 3.6390,
11.0742

210.0779,
209.5463, 308.5223

■ 1.8321, 1.4737,
6.0020

254.6081,

■ 0.5369, 0.2701,

254.8131, 368.4136

2.7775

305.0243,
306.1701, 435.5936

■ 0.0000, 0.0000,
0.9822

■ 0.0000, 0.0000,
0.0000

■ 46.0423, 44.3174,
78.8005

■ 46.0423, 44.3174,
78.8005

■ 37.4536, 33.9687,
77.2564

■ 56.2261, 56.5882,
80.6330

■ 30.3753, 25.4398,
75.9832

■ 68.0755, 70.8659,
82.7644

■ 24.7213, 18.6271,
74.9663

■ 81.6619, 87.2366,
85.2081

■ 20.3953, 13.4145,
74.1881

■ 90.8653, 98.3261,
86.8635

■ 17.2888, 9.6714,
73.6294

■ 15.2767, 7.2468,
73.2674

■ 14.2064, 5.9572,
73.0749

■ 13.8653, 5.5462,
73.0136

Harmonies

Analogous

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



40.9396, 44.3174, 81.6110



46.0423, 44.3174, 78.8005



50.3948, 44.3174, 67.1015

Triad

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



46.0423, 44.3174, 78.8005



48.2718, 44.3174, 29.2198



33.1678, 44.3174, 44.9147

Complementary

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



46.0423, 44.3174, 78.8005



66.6912, 74.2867, 50.3604

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.



34.8087, 44.3174, 33.3144



46.0423, 44.3174, 78.8005



43.3277, 44.3174, 25.5079

Square

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



46.0423, 44.3174, 78.8005



51.7524, 44.3174, 38.1584



38.4315, 44.3174, 26.8400



33.7678, 44.3174, 59.9898

Rectangle

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



46.0423, 44.3174, 78.8005



52.1492, 44.3174, 56.9049



38.4315, 44.3174, 26.8400



33.4709, 44.3174, 40.5277

Sweetspot

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



46.0437, 44.3192, 78.8015



83.3529, 85.9058, 106.7960



58.4449, 69.3199, 82.3240



17.6363, 18.1407, 22.8219



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.



46.0437, 44.3192, 78.8015



53.6520, 50.1183, 101.4538



52.3897, 47.5904, 79.0985



13.5829, 13.8872, 18.1089



8.0862, 3.2345, 42.5813



0.5975, 0.2390, 3.1466

Inverse Universe

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



54.1662, 49.2366, 46.1857



66.1198, 57.6664, 51.3893



59.0735, 70.3599, 50.0039



14.3771, 14.3680, 14.9200



18.4751, 9.5242, 0.8647



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 46.0423, 44.3174, 78.8005 looks on a white background.

Color Contrast Check

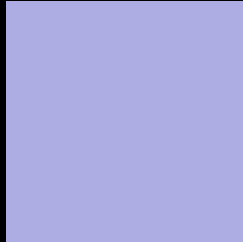
Large Text (above 18pt) WCAG AA × Fail

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 46.0423, 44.3174, 78.8005 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 46.0423, 44.3174, 78.8005

Background



This preview shows how black text looks on a background with the XYZ color 46.0423, 44.3174, 78.8005.



This preview shows how white text looks on a background with the XYZ color 46.0423, 44.3174,

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

46.0423, 44.3174, 78.8005

Protanopia

44.9780, 44.6003, 80.3669

Deuteranopia

45.3634, 44.2532, 78.8239



Tritanopia

41.6821, 44.3059, 56.8071

Trichromacy



Original Color

46.0423, 44.3174, 78.8005

Protanomaly

45.2699, 44.4769, 79.5977

Deuteranomaly

45.5787, 44.3642, 78.8339

Tritanomaly

43.1038, 44.2871, 64.0341

Monochromacy



Original Color

46.0423, 44.3174, 78.8005

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.8174, 44.7769, 58.5579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0423, 44.3174, 78.8005 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(173, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 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(173, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 227) }
```

Border

The CSS property to change the border of an element to XYZ 46.0423, 44.3174, 78.8005 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(173, 173, 227) }
```


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

```
.border{ border-color:rgb(173, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0423, 44.3174, 78.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 227) }
```

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

```
.background{ background-color: rgb(173,  
173, 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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