

Converting Colors

XYZ(46.0711, 47.8062, 69.0873)

Have a look what the booklet for
XYZ(46.0711, 47.8062, 69.0873)
contains.

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Color

**XYZ(46.0374, 47.8051,
69.0882)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB8D4
RGB	172, 184, 212
RGB Percent	67%, 72%, 83%
CMY	0.3255, 0.2784, 0.1686
CMYK	0.19, 0.13, 0.00, 0.17
HSL	222°, 32%, 75%
HSV	222°, 19%, 83%
XYZ	46.0374, 47.8051, 69.0882
YIQ	183.6040, -16.1400, 6.1640

Conversions

Conversions Part 2

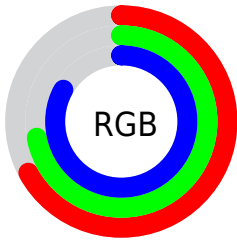
Format	Color
R _Y B	172, 181, 212
Decimal	11319508
CIE Lab	74.70, 1.71, -15.48
CIE LCh	75, 15.573, 276.317
Yxy	47.8051, 0.2826, 0.2934
Android (android.graphics.Color)	4289509588 (0xFFACB8D4)
YUV	183.6040, 13.9992, -10.1767
Hunter-Lab	69.1412, -2.1437, -10.8457

Details

The XYZ color **46.0374, 47.8051, 69.0882** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **55.2524, 58.2841, 47.3687**, and the grayscale version is **45.2745, 47.6323, 51.8716**.

A 20% lighter version of the original color is **81.2050, 86.0342, 106.9340**, and **21.8099, 22.5889, 35.1089** is the 20% darker color. If you saturate the color by 10%, you get **38.8283, 39.7513, 67.9144**, and if you desaturate by 10%, it is **54.3150, 56.8922, 70.4067**.

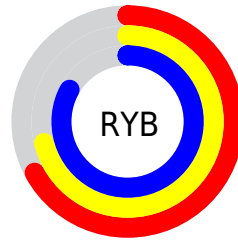
Distribution



Red (67%)

Green (72%)

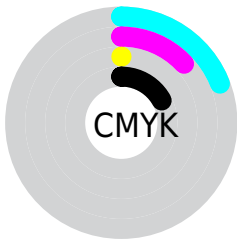
Blue (83%)



Red (67%)

Yellow (71%)

Blue (83%)

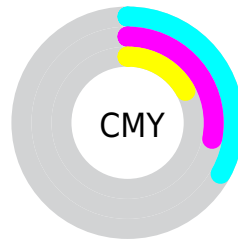


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (33%)

Magenta (28%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0374, 47.8051, 69.0882 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 46.0374, 47.8051, 69.0882 by changing the saturation by 10% instead.

■ 46.0374, 47.8051,
69.0882

■ 46.0374, 47.8051,
69.0882

361.6724,
378.0191, 476.0443

■ 32.4801, 33.6726,
50.3113

■ 83.5025, 86.9141,
119.5764

■ 21.8858, 22.6422,
35.2879

108.1410,
112.6595, 152.1249

■ 13.8891, 14.3295,
23.5994

137.2039,
143.0445, 190.1009

■ 8.1248, 8.3502,
14.8273

171.0566,
178.4536, 233.9232

■ 4.2274, 4.3198,
8.5530

210.0644,
219.2712, 284.0101

■ 1.8316, 1.8540,
4.3580

254.5928,

■ 0.5366, 0.5205,

265.8817, 340.7802

1.8237

305.0070,
318.6696, 404.6521

■ 0.0000, 0.0000,
0.4435

■ 0.0000, 0.0000,
0.0000

■ 46.0374, 47.8051,
69.0882

■ 46.0374, 47.8051,
69.0882

■ 38.8283, 39.7513,
67.9144

■ 54.3150, 56.8922,
70.4067

■ 32.6383, 32.6869,
66.8771

■ 63.6991, 67.0426,
71.8713

■ 27.4204, 26.5735,
65.9721

■ 74.2310, 78.2922,
73.4876

■ 23.1223, 21.3678,
65.1938

■ 85.2822, 90.3303,
75.2287

■ 19.6860, 17.0226,
64.5362

■ 88.8838, 97.5335,
76.4293

■ 17.0468, 13.4860,
63.9927

■ 15.1294, 10.6994,
63.5559

■ 13.8210, 8.5833,
63.2164

■ 13.6954, 8.3767,
63.1831

Harmonies

Analogous

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



43.2910, 47.8051, 67.6309



46.0374, 47.8051, 69.0882



48.7296, 47.8051, 65.6139

Triad

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



46.0374, 47.8051, 69.0882



49.9543, 47.8051, 43.3742



40.6439, 47.8051, 46.0519

Complementary

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



46.0374, 47.8051, 69.0882



55.2524, 58.2841, 47.3687

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.



42.2967, 47.8051, 40.5002



46.0374, 47.8051, 69.0882



47.6534, 47.8051, 39.0699

Square

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



46.0374, 47.8051, 69.0882



51.0507, 47.8051, 50.3592



44.8425, 47.8051, 38.0748



40.2513, 47.8051, 53.7815

Rectangle

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



46.0374, 47.8051, 69.0882



50.1070, 47.8051, 61.1610



44.8425, 47.8051, 38.0748



41.0671, 47.8051, 43.8949

Sweetspot

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



46.0389, 47.8071, 69.0893



86.3217, 90.5693, 107.5397



50.9052, 59.9975, 63.1346



18.2811, 19.1736, 22.9873



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.



46.0389, 47.8071, 69.0893



64.9395, 67.0696, 104.1308



45.3048, 43.8831, 68.3706



12.0434, 12.6101, 15.7368



8.5318, 5.3253, 39.0314



0.5865, 0.4650, 2.3782

Inverse Universe

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



50.5568, 46.9640, 51.7499



73.1899, 65.7503, 72.4171



56.0757, 62.9981, 48.2352



12.5751, 12.4815, 13.7026



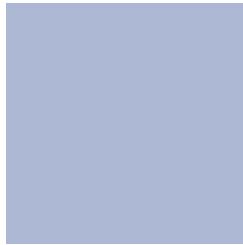
17.3653, 8.8824, 3.9618



1.0837, 0.5503, 0.4301

Previews

White Background



This preview shows how the XYZ color 46.0374, 47.8051, 69.0882 looks on a white background.

Color Contrast Check

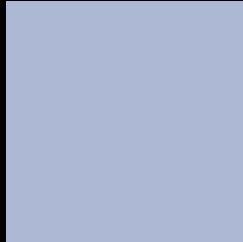
Large Text (above 18pt) WCAG AA × Fail

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 46.0374, 47.8051, 69.0882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

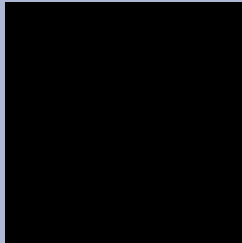
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0374, 47.8051, 69.0882

Background



This preview shows how black text looks on a background with the XYZ color 46.0374, 47.8051, 69.0882.



This preview shows how white text looks on a background with the XYZ color 46.0374, 47.8051,

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

46.0374, 47.8051, 69.0882

Protanopia

47.0762, 47.7428, 68.3621

Deuteranopia

48.6239, 47.6091, 69.5775



Tritanopia

44.6791, 47.8809, 62.1454

Trichromacy



Original Color

46.0374, 47.8051, 69.0882

Protanomaly

46.5959, 47.8002, 68.3985

Deuteranomaly

47.8255, 47.7969, 69.6558

Tritanomaly

45.1630, 47.7636, 64.5966

Monochromacy



Original Color

46.0374, 47.8051, 69.0882

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7005, 47.8793, 57.8719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0374, 47.8051, 69.0882 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, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 212)  
}
```

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, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 212) }
```

Border

The CSS property to change the border of an element to XYZ 46.0374, 47.8051, 69.0882 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, 184, 212) }
```


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

```
.border{ border-color:rgb(172, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0374, 47.8051, 69.0882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 212) }
```

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

```
.background{ background-color: rgb(172,  
184, 212) }
```

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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