

Converting Colors

XYZ(42.3386, 41.3308, 76.2615)

Have a look what the booklet for
XYZ(42.3386, 41.3308, 76.2615)
contains.

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Color

**XYZ(42.3405, 41.3348,
76.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A9E0
RGB	161, 169, 224
RGB Percent	63%, 66%, 88%
CMY	0.3686, 0.3372, 0.1216
CMYK	0.28, 0.25, 0.00, 0.12
HSL	232°, 50%, 75%
HSV	232°, 28%, 88%
XYZ	42.3405, 41.3348, 76.2678
YIQ	172.8780, -22.4230, 15.4090

Conversions

Conversions Part 2

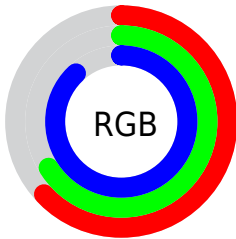
Format	Color
R_{YB}	161, 168, 224
Decimal	10594784
CIE _{Lab}	70.41, 9.41, -28.64
CIE _{LCh}	70, 30.143, 288.187
Yxy	41.3348, 0.2647, 0.2584
Android (android.graphics.Color)	4288784864 (0xFFA1A9E0)
YUV	172.8780, 25.2031, -10.4170
Hunter-Lab	64.2921, 5.0424, -25.3294

Details

The XYZ color **42.3405, 41.3348, 76.2678** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.7302, 67.5330, 43.5014**, and the grayscale version is **39.5434, 41.6027, 45.3053**.

A 20% lighter version of the original color is **73.3209, 75.2830, 105.2744**, and **19.7071, 18.7753, 40.1214** is the 20% darker color. If you saturate the color by 10%, you get **34.8544, 32.4736, 74.9527**, and if you desaturate by 10%, it is **51.1821, 51.7044, 77.8040**.

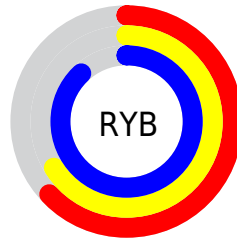
Distribution



Red (63%)

Green (66%)

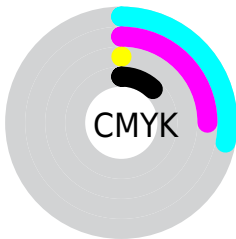
Blue (88%)



Red (63%)

Yellow (66%)

Blue (88%)

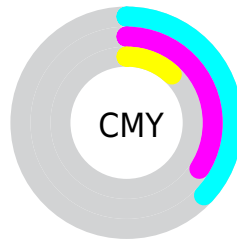


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (34%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3405, 41.3348, 76.2678 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 42.3405, 41.3348, 76.2678 by changing the saturation by 10% instead.

■ 42.3405, 41.3348,
76.2678

■ 42.3405, 41.3348,
76.2678

346.8602,
351.7180, 501.6351

■ 29.5603, 28.5808,
56.1442

■ 77.9766, 77.1919,
129.8689

■ 19.6515, 18.7639,
39.9137

■ 101.5633,
101.0637, 164.1835

■ 12.2487, 11.4998,
27.1580

129.4827,
129.4103, 204.0655

■ 6.9867, 6.4041,
17.4585

162.1004,
162.6160, 249.9334

■ 3.5001, 3.0923,
10.3965

199.7816,
201.0652, 302.2058

■ 1.4234, 1.1801,
5.5536

242.8917,

■ 0.2728, 0.0454,

245.1424, 361.3012

2.5112

291.7961,
295.2318, 427.6381

■ 0.0000, 0.0000,
0.8461

■ 0.0000, 0.0000,
0.0000

■ 42.3405, 41.3348,
76.2678

■ 42.3405, 41.3348,
76.2678

■ 34.8544, 32.4736,
74.9527

■ 51.1821, 51.7044,
77.8040

■ 28.6525, 25.0454,
73.8458

■ 61.4375, 63.6431,
79.5679

■ 23.6629, 18.9758,
72.9372

■ 73.1669, 77.2145,
81.5693

■ 19.8053, 14.1815,
72.2151

■ 86.4255, 92.4771,
83.8164

■ 16.9890, 10.5701,
71.6665

■ 90.4547, 98.1619,
84.7013

■ 15.1095, 8.0361,
71.2764

■ 14.0269, 6.4482,
71.0270

■ 13.8806, 6.2337,
70.9933

Harmonies

Analogous

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



37.3670, 41.3348, 77.3907



42.3405, 41.3348, 76.2678



46.8343, 41.3348, 65.7865

Triad

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



42.3405, 41.3348, 76.2678



45.9962, 41.3348, 27.5620



30.6710, 41.3348, 39.6426

Complementary

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



42.3405, 41.3348, 76.2678



61.7302, 67.5330, 43.5014

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.



32.5984, 41.3348, 29.1401



42.3405, 41.3348, 76.2678



41.2727, 41.3348, 23.2132

Square

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



42.3405, 41.3348, 76.2678



49.0641, 41.3348, 37.0073



36.3849, 41.3348, 23.7225



30.9043, 41.3348, 54.0828

Rectangle

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



42.3405, 41.3348, 76.2678



48.8251, 41.3348, 55.9395



36.3849, 41.3348, 23.7225



31.0806, 41.3348, 35.5999

Sweetspot

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



42.3419, 41.3364, 76.2688



82.5184, 85.4929, 106.7603



53.6977, 65.8265, 74.5714



17.1889, 17.7493, 22.7700



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.



42.3419, 41.3364, 76.2688



50.4447, 47.9423, 101.2028



45.9918, 41.0758, 76.0261



13.0916, 13.5224, 17.3078



8.1250, 3.7196, 41.3381



0.6096, 0.3507, 2.8808

Inverse Universe

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



50.6480, 44.2030, 43.4003



63.4661, 52.6434, 49.6285



57.1502, 68.2890, 43.8887



13.7777, 13.7287, 14.5996



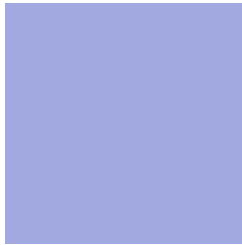
18.0413, 9.2835, 1.6176



1.2740, 0.6529, 0.2355

Previews

White Background



This preview shows how the XYZ color 42.3405, 41.3348, 76.2678 looks on a white background.

Color Contrast Check

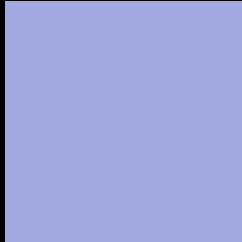
Large Text (above 18pt) WCAG AA × Fail

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 42.3405, 41.3348, 76.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

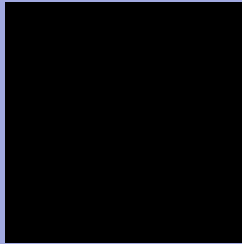
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3405, 41.3348, 76.2678

Background



This preview shows how black text looks on a background with the XYZ color 42.3405, 41.3348, 76.2678.



This preview shows how white text looks on a background with the XYZ color 42.3405, 41.3348,

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

42.3405, 41.3348, 76.2678

Protanopia

41.8700, 41.3538, 77.0095

Deuteranopia

42.3405, 41.3348, 76.2678



Tritanopia

37.8417, 41.2041, 54.1028

Trichromacy



Original Color

42.3405, 41.3348, 76.2678

Protanomaly

42.0659, 41.4548, 77.0186

Deuteranomaly

42.3405, 41.3348, 76.2678

Tritanomaly

39.5089, 41.3195, 61.7702

Monochromacy



Original Color

42.3405, 41.3348, 76.2678

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.6291, 41.7458, 55.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3405, 41.3348, 76.2678 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(161, 169, 224)` looks like.

```
.text, #text, p{  
    color:rgb(161, 169, 224)  
}
```

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(161, 169, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 224) }
```

Border

The CSS property to change the border of an element to XYZ 42.3405, 41.3348, 76.2678 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(161, 169, 224) }
```


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

```
.border{ border-color:rgb(161, 169, 224) }
```

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

Here you see how a box with a 4 pixel rgb(161, 169, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 224);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3405, 41.3348, 76.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 224) }
```

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

```
.background{ background-color: rgb(161,  
169, 224) }
```

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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