

Converting Colors

XYZ(43.6706, 42.5614, 77.1476)

Have a look what the booklet for
XYZ(43.6706, 42.5614, 77.1476)
contains.

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Color

**XYZ(43.6706, 42.5614,
77.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ABE1
RGB	165, 171, 225
RGB Percent	65%, 67%, 88%
CMY	0.3529, 0.3294, 0.1176
CMYK	0.27, 0.24, 0.00, 0.12
HSL	234°, 50%, 76%
HSV	234°, 27%, 88%
XYZ	43.6706, 42.5614, 77.1476
YIQ	175.3620, -20.9100, 15.5220

Conversions

Conversions Part 2

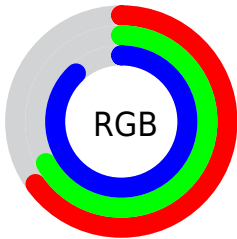
Format	Color
RYB	165, 170, 225
Decimal	10857441
CIELab	71.26, 9.72, -27.86
CIELCh	71, 29.504, 289.230
Yxy	42.5614, 0.2673, 0.2605
Android (android.graphics.Color)	4289047521 (0xFFA5ABE1)
YUV	175.3620, 24.4715, -9.0875
Hunter-Lab	65.2391, 5.3182, -24.4452

Details

The XYZ color **43.6706, 42.5614, 77.1476** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.1751, 69.3878, 45.6623**, and the grayscale version is **40.8211, 42.9470, 46.7692**.

A 20% lighter version of the original color is **75.0651, 76.9849, 105.5109**, and **20.5346, 19.5407, 40.7196** is the 20% darker color. If you saturate the color by 10%, you get **35.8596, 33.2857, 75.7696**, and if you desaturate by 10%, it is **52.8937, 53.4369, 78.7614**.

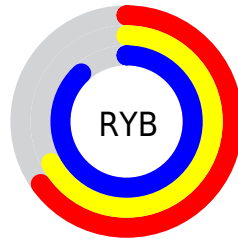
Distribution



Red (65%)

Green (67%)

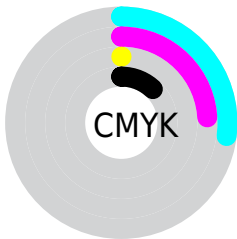
Blue (88%)



Red (65%)

Yellow (67%)

Blue (88%)

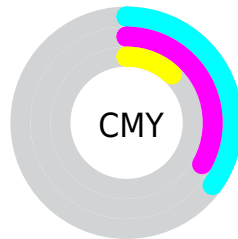


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6706, 42.5614, 77.1476 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 43.6706, 42.5614, 77.1476 by changing the saturation by 10% instead.

■ 43.6706, 42.5614,
77.1476

■ 43.6706, 42.5614,
77.1476

352.2373,
356.8049, 504.7181

■ 30.6084, 29.5411,
56.8617

■ 79.9713, 79.0486,
131.1227

■ 20.4512, 19.4906,
40.4856

■ 103.9405,
103.2843, 165.6491

■ 12.8336, 12.0253,
27.6007

132.2761,
132.0272, 205.7593

■ 7.3903, 6.7609,
17.7885

165.3434,
165.6619, 251.8720

■ 3.7559, 3.3130,
10.6304

203.5079,
204.5726, 304.4057

■ 1.5650, 1.2973,
5.7078

247.1348,

■ 0.3694, 0.1391,

249.1437, 363.7789

2.6024

296.5895,
299.7597, 430.4102

■ 0.0000, 0.0000,
0.8937

■ 0.0000, 0.0000,
0.0000

■ 43.6706, 42.5614,
77.1476

■ 43.6706, 42.5614,
77.1476

■ 35.8596, 33.2857,
75.7696

■ 52.8937, 53.4369,
78.7614

■ 29.3867, 25.5292,
74.6136

■ 63.5895, 65.9774,
80.6182

■ 24.1776, 19.2121,
73.6689

■ 75.8202, 80.2508,
82.7286

■ 20.1491, 14.2453,
72.9225

■ 89.6421, 96.3189,
85.1016

■ 17.2077, 10.5294,
72.3603

■ 90.5907, 98.2163,
85.4178

■ 15.2458, 7.9514,
71.9661

■ 14.1303, 6.3760,
71.7208

■ 13.8873, 6.0295,
71.6667

Harmonies

Analogous

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



38.7002, 42.5614, 78.6190



43.6706, 42.5614, 77.1476



48.1002, 42.5614, 66.5248

Triad

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



43.6706, 42.5614, 77.1476



46.9943, 42.5614, 28.6082



31.8030, 42.5614, 41.4314

Complementary

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



43.6706, 42.5614, 77.1476



63.1751, 69.3878, 45.6623

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.



33.6632, 42.5614, 30.7200



43.6706, 42.5614, 77.1476



42.2586, 42.5614, 24.3861

Square

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



43.6706, 42.5614, 77.1476



50.1247, 42.5614, 37.9297



37.3981, 42.5614, 25.0709



32.1136, 42.5614, 55.9147

Rectangle

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



43.6706, 42.5614, 77.1476



50.0237, 42.5614, 56.6991



37.3981, 42.5614, 25.0709



32.1887, 42.5614, 37.3301

Sweetspot

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



43.6720, 42.5631, 77.1486



82.3591, 85.1744, 106.7073



55.0982, 66.9126, 76.3419



17.1491, 17.6699, 22.7567



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.



43.6720, 42.5631, 77.1486



52.0103, 49.4262, 101.4067



47.7860, 43.0393, 77.0237



13.0618, 13.4627, 17.2978



8.0414, 3.5523, 41.3102



0.5954, 0.3223, 2.8761

Inverse Universe

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



51.8583, 45.8595, 44.6483



64.6586, 54.6600, 51.1609



58.0749, 69.1245, 45.8803



13.7627, 13.7227, 14.5203



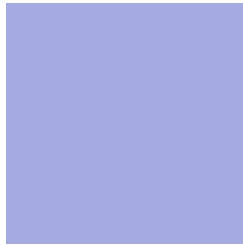
17.9991, 9.2666, 1.3951



1.2668, 0.6500, 0.1978

Previews

White Background



This preview shows how the XYZ color 43.6706, 42.5614, 77.1476 looks on a white background.

Color Contrast Check

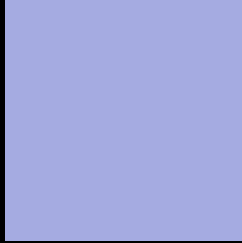
Large Text (above 18pt) WCAG AA × Fail

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 43.6706, 42.5614, 77.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

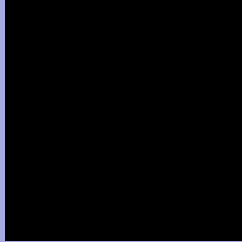
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6706, 42.5614, 77.1476

Background



This preview shows how black text looks on a background with the XYZ color 43.6706, 42.5614, 77.1476.



This preview shows how white text looks on a background with the XYZ color 43.6706, 42.5614,

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

43.6706, 42.5614, 77.1476

Protanopia

42.9772, 42.4696, 77.8838

Deuteranopia

43.4634, 42.4546, 77.1379



Tritanopia

39.2267, 42.4750, 55.4212

Trichromacy



Original Color

43.6706, 42.5614, 77.1476

Protanomaly

43.3803, 42.6774, 77.9027

Deuteranomaly

43.4634, 42.4546, 77.1379

Tritanomaly

40.8074, 42.5488, 62.5619

Monochromacy



Original Color

43.6706, 42.5614, 77.1476

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5563, 42.7803, 56.5192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6706, 42.5614, 77.1476 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(165, 171, 225)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 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(165, 171, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.6706, 42.5614, 77.1476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

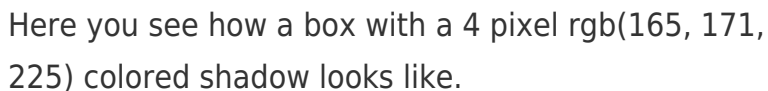
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 171, 225) }
```


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

```
.border{ border-color:rgb(165, 171, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 171, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 225);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6706, 42.5614, 77.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 225) }
```

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

```
.background{ background-color: rgb(165,  
171, 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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