

Converting Colors

XYZ(43.0375, 41.8735, 76.8947)

Have a look what the booklet for
XYZ(43.0375, 41.8735, 76.8947)
contains.

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Color

**XYZ(43.0696, 41.9722,
77.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AAE1
RGB	163, 170, 225
RGB Percent	64%, 67%, 88%
CMY	0.3608, 0.3333, 0.1176
CMYK	0.28, 0.24, 0.00, 0.12
HSL	233°, 51%, 76%
HSV	233°, 28%, 88%
XYZ	43.0696, 41.9722, 77.0656
YIQ	174.1770, -21.8270, 15.6210

Conversions

Conversions Part 2

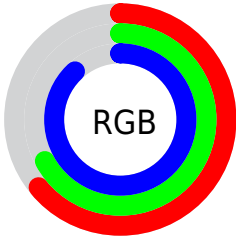
Format	Color
R_{YB}	163, 169, 225
Decimal	10726113
CIE _{Lab}	70.85, 9.68, -28.49
CIE _{LCh}	71, 30.093, 288.770
Yxy	41.9722, 0.2657, 0.2589
Android (android.graphics.Color)	4288916193 (0xFFA3AAE1)
YUV	174.1770, 25.0557, -9.8022
Hunter-Lab	64.7860, 5.2911, -25.1778

Details

The XYZ color **43.0696, 41.9722, 77.0656** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.7344, 68.7953, 44.6241**, and the grayscale version is **40.2075, 42.3014, 46.0662**.

A 20% lighter version of the original color is **74.1886, 76.1305, 105.3922**, and **20.1645, 19.1741, 40.6684** is the 20% darker color. If you saturate the color by 10%, you get **35.4042, 32.8822, 75.7158**, and if you desaturate by 10%, it is **52.1254, 52.6241, 78.6451**.

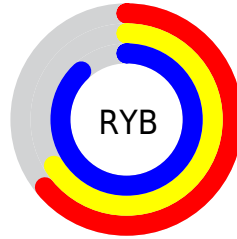
Distribution



Red (64%)

Green (67%)

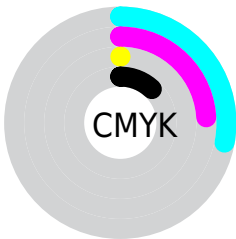
Blue (88%)



Red (64%)

Yellow (66%)

Blue (88%)

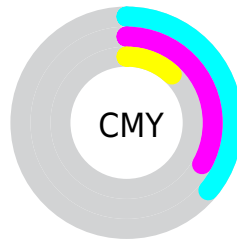


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0696, 41.9722, 77.0656 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 43.0696, 41.9722, 77.0656 by changing the saturation by 10% instead.

■ 43.0696, 41.9722,
77.0656

■ 43.0696, 41.9722,
77.0656

349.8146,
354.3677, 504.4313

■ 30.1345, 29.0795,
56.7948

■ 79.0709, 78.1575,
131.0059

■ 20.0893, 19.1410,
40.4323

■ 102.8679,
102.2190, 165.5126

■ 12.5686, 11.7722,
27.5594

131.0161,
130.7722, 205.6016

■ 7.2071, 6.5888,
17.7577

163.8810,
164.2015, 251.6915

■ 3.6394, 3.2063,
10.6085

201.8280,
202.8913, 304.2009

■ 1.5002, 1.2403,
5.6934

245.2223,

■ 0.3260, 0.0943,

247.2260, 363.5483

2.5938

294.4294,
297.5900, 430.1523

■ 0.0000, 0.0000,
0.8893

■ 0.0000, 0.0000,
0.0000

■ 43.0696, 41.9722,
77.0656

■ 43.0696, 41.9722,
77.0656

■ 35.4042, 32.8822,
75.7158

■ 52.1254, 52.6241,
78.6451

■ 29.0562, 25.2757,
74.5822

■ 62.6315, 64.9016,
80.4611

■ 23.9518, 19.0750,
73.6543

■ 74.6497, 78.8707,
82.5240

■ 20.0087, 14.1931,
72.9199

■ 88.2364, 94.5924,
84.8425

■ 17.1341, 10.5333,
72.3650

■ 90.5907, 98.2163,
85.4179

■ 15.2208, 7.9855,
71.9740

■ 14.1312, 6.4149,
71.7283

■ 13.9471, 6.1490,
71.6867

Harmonies

Analogous

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



38.0489, 41.9722, 78.4018



43.0696, 41.9722, 77.0656



47.5747, 41.9722, 66.3709

Triad

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



43.0696, 41.9722, 77.0656



46.5758, 41.9722, 27.9535



31.1816, 41.9722, 40.5422

Complementary

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



43.0696, 41.9722, 77.0656



62.7344, 68.7953, 44.6241

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.



33.0867, 41.9722, 29.8405



43.0696, 41.9722, 77.0656



41.7963, 41.9722, 23.6530

Square

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



43.0696, 41.9722, 77.0656



49.7129, 41.9722, 37.3961



36.8772, 41.9722, 24.2627



31.4603, 41.9722, 55.1516

Rectangle

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



43.0696, 41.9722, 77.0656



49.5495, 41.9722, 56.4211



36.8772, 41.9722, 24.2627



31.5810, 41.9722, 36.4321

Sweetspot

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



43.0710, 41.9739, 77.0666



82.4352, 85.3266, 106.7326



54.6549, 66.6876, 76.1619



17.1681, 17.7078, 22.7630



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.



43.0710, 41.9739, 77.0666



51.2042, 48.6457, 101.2986



47.1255, 42.1674, 76.8902



13.0760, 13.4912, 17.3026



8.0793, 3.6282, 41.3229



0.6022, 0.3359, 2.8783

Inverse Universe

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



51.4054, 45.1056, 44.0288



64.0487, 53.6388, 50.3456



57.6873, 68.9455, 44.9191



13.7698, 13.7256, 14.5582



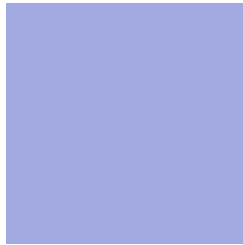
18.0183, 9.2743, 1.4961



1.2702, 0.6514, 0.2159

Previews

White Background



This preview shows how the XYZ color 43.0696, 41.9722, 77.0656 looks on a white background.

Color Contrast Check

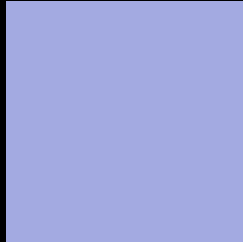
Large Text (above 18pt) WCAG AA × Fail

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 43.0696, 41.9722, 77.0656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

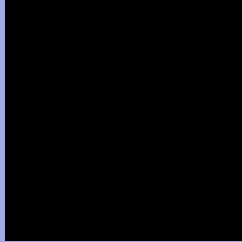
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0696, 41.9722, 77.0656

Background



This preview shows how black text looks on a background with the XYZ color 43.0696, 41.9722, 77.0656.



This preview shows how white text looks on a background with the XYZ color 43.0696, 41.9722,

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

43.0696, 41.9722, 77.0656

Protanopia

42.5885, 41.9877, 77.8113

Deuteranopia

42.8656, 41.8671, 77.0561



Tritanopia

38.5299, 41.8363, 54.7597

Trichromacy



Original Color

43.0696, 41.9722, 77.0656

Protanomaly

42.7876, 42.0904, 77.8206

Deuteranomaly

42.8656, 41.8671, 77.0561

Tritanomaly

40.2136, 41.9548, 62.4785

Monochromacy



Original Color

43.0696, 41.9722, 77.0656

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1468, 42.2834, 56.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0696, 41.9722, 77.0656 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(163, 170, 225)` looks like.

```
.text, #text, p{  
    color:rgb(163, 170, 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(163, 170, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 170, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.0696, 41.9722, 77.0656 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(163, 170, 225) }
```


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

```
.border{ border-color:rgb(163, 170, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 170, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 170, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 170, 225); box-shadow:4px 4px 4px 4px rgb(163, 170, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0696, 41.9722, 77.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 170, 225) }
```

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

```
.background{ background-color: rgb(163,  
170, 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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