

Converting Colors

XYZ(43.1882, 42.1875, 73.8303)

Have a look what the booklet for
XYZ(43.1882, 42.1875, 73.8303)
contains.

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Color

**XYZ(43.0189, 42.0237,
73.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AADC
RGB	166, 170, 220
RGB Percent	65%, 67%, 86%
CMY	0.3490, 0.3333, 0.1373
CMYK	0.25, 0.23, 0.00, 0.14
HSL	236°, 44%, 76%
HSV	236°, 25%, 86%
XYZ	43.0189, 42.0237, 73.5542
YIQ	174.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

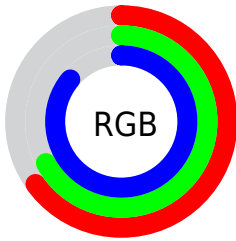
Format	Color
R _{YB}	166, 170, 220
Decimal	10922716
CIE Lab	70.89, 9.38, -25.68
CIE LCh	71, 27.341, 290.062
Yxy	42.0237, 0.2712, 0.2650
Android (android.graphics.Color)	4289112796 (0xFFA6AADC)
YUV	174.5040, 22.4295, -7.4580
Hunter-Lab	64.8257, 5.0092, -21.8952

Details

The XYZ color **43.0189, 42.0237, 73.5542** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.9547, 67.0811, 45.8131**, and the grayscale version is **40.3874, 42.4906, 46.2723**.

A 20% lighter version of the original color is **75.0994, 76.6000, 105.4349**, and **20.0800, 19.1842, 38.2419** is the 20% darker color. If you saturate the color by 10%, you get **35.2684, 32.7927, 72.1816**, and if you desaturate by 10%, it is **52.1527, 52.8481, 75.1628**.

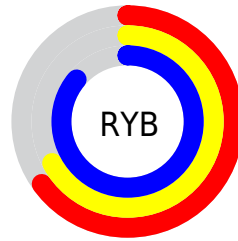
Distribution



Red (65%)

Green (67%)

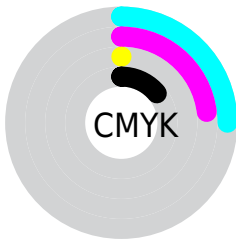
Blue (86%)



Red (65%)

Yellow (67%)

Blue (86%)

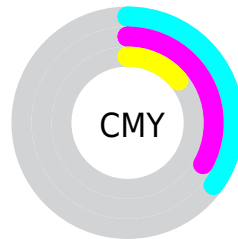


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0189, 42.0237, 73.5542 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 43.0189, 42.0237, 73.5542 by changing the saturation by 10% instead.

■ 43.0189, 42.0237,
73.5542

■ 43.0189, 42.0237,
73.5542

349.6097,
354.5812, 492.0555

■ 30.0945, 29.1198,
53.9347

■ 78.9949, 78.2355,
125.9919

■ 20.0588, 19.1715,
38.1566

■ 102.7773,
102.3122, 159.6471

■ 12.5463, 11.7943,
25.8015

130.9097,
130.8820, 198.8179

■ 7.1917, 6.6037,
16.4508

163.7575,
164.3293, 243.9229

■ 3.6297, 3.2155,
9.6859

201.6860,
203.0385, 295.3806

■ 1.4948, 1.2453,
5.0883

245.0606,

■ 0.3223, 0.0982,

247.3939, 353.6096

2.2395

294.2468,
297.7800, 419.0284

■ 0.0000, 0.0000,
0.6970

■ 0.0000, 0.0000,
0.0000

■ 43.0189, 42.0237,
73.5542

■ 43.0189, 42.0237,
73.5542

■ 35.2684, 32.7927,
72.1816

■ 52.1527, 52.8481,
75.1628

■ 28.8298, 25.0750,
71.0313

■ 62.7283, 65.3308,
77.0148

■ 23.6314, 18.7912,
70.0924

■ 74.8060, 79.5394,
79.1208

■ 19.5933, 13.8527,
69.3520

■ 88.4413, 95.5362,
81.4898

■ 16.6258, 10.1609,
68.7958

■ 89.9184, 97.9474,
81.8774

■ 14.6262, 7.6036,
68.4076

■ 13.4715, 6.0484,
68.1683

■ 13.1082, 5.5469,
68.0906

Harmonies

Analogous

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



38.4516, 42.0237, 75.1357



43.0189, 42.0237, 73.5542



47.0320, 42.0237, 63.7973

Triad

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



43.0189, 42.0237, 73.5542



45.8252, 42.0237, 29.1102



31.9305, 42.0237, 41.5679

Complementary

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



43.0189, 42.0237, 73.5542



60.9547, 67.0811, 45.8131

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.



33.6034, 42.0237, 31.4846



43.0189, 42.0237, 73.5542



41.4710, 42.0237, 25.2500

Square

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



43.0189, 42.0237, 73.5542



48.7355, 42.0237, 37.6893



37.0159, 42.0237, 26.0277



32.2759, 42.0237, 54.9002

Rectangle

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



43.0189, 42.0237, 73.5542



48.7430, 42.0237, 54.8423



37.0159, 42.0237, 26.0277



32.2703, 42.0237, 37.7343

Sweetspot

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



43.0203, 42.0254, 73.5552



83.7374, 86.6749, 106.9242



53.6502, 64.2264, 74.1974



17.7249, 18.3181, 22.8515



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.



43.0203, 42.0254, 73.5552



54.7883, 52.3907, 101.8325



47.4181, 43.1961, 73.5493



12.4158, 12.7713, 16.4629



7.7236, 3.3166, 39.9715



0.5281, 0.2703, 2.5988

Inverse Universe

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



50.4083, 45.3917, 44.1366



66.6933, 57.8958, 54.4094



55.6343, 65.8784, 45.8614



13.0950, 13.0671, 13.7614



17.3938, 8.9586, 1.1880



1.1408, 0.5860, 0.1506

Previews

White Background



This preview shows how the XYZ color 43.0189, 42.0237, 73.5542 looks on a white background.

Color Contrast Check

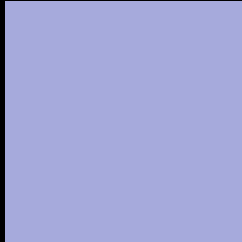
Large Text (above 18pt) WCAG AA × Fail

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 43.0189, 42.0237, 73.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

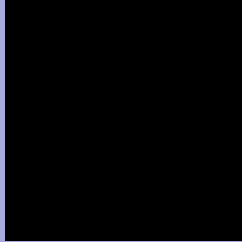
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0189, 42.0237, 73.5542

Background



This preview shows how black text looks on a background with the XYZ color 43.0189, 42.0237, 73.5542.



This preview shows how white text looks on a background with the XYZ color 43.0189, 42.0237,

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

43.0189, 42.0237, 73.5542

Protanopia

42.3120, 41.9233, 74.2685

Deuteranopia

43.0189, 42.0237, 73.5542



Tritanopia

39.2078, 42.1984, 54.2227

Trichromacy



Original Color

43.0189, 42.0237, 73.5542

Protanomaly

42.7183, 42.1328, 74.2876

Deuteranomaly

43.0189, 42.0237, 73.5542

Tritanomaly

40.4617, 42.1236, 60.6417

Monochromacy



Original Color

43.0189, 42.0237, 73.5542

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3608, 42.4194, 55.2980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0189, 42.0237, 73.5542 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(166, 170, 220)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 220)  
}
```

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(166, 170, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 220) }
```

Border

The CSS property to change the border of an element to XYZ 43.0189, 42.0237, 73.5542 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(166, 170, 220) }
```


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

```
.border{ border-color:rgb(166, 170, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 170, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 220);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0189, 42.0237, 73.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 220) }
```

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

```
.background{ background-color: rgb(166,  
170, 220) }
```

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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