

Converting Colors

XYZ(43.5721, 42.0300, 73.6406)

Have a look what the booklet for
XYZ(43.5721, 42.0300, 73.6406)
contains.

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Color

**XYZ(43.4684, 41.9783,
73.5217)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9DC
RGB	169, 169, 220
RGB Percent	66%, 66%, 86%
CMY	0.3372, 0.3372, 0.1373
CMYK	0.23, 0.23, 0.00, 0.14
HSL	240°, 42%, 76%
HSV	240°, 23%, 86%
XYZ	43.4684, 41.9783, 73.5217
YIQ	174.8140, -16.3710, 15.8610

Conversions

Conversions Part 2

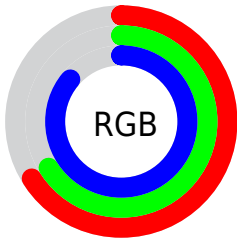
Format	Color
RYB	169, 169, 220
Decimal	11119068
CIELab	70.86, 10.85, -25.71
CIELCh	71, 27.904, 292.874
Yxy	41.9783, 0.2734, 0.2641
Android (android.graphics.Color)	4289309148 (0xFFA9A9DC)
YUV	174.8140, 22.2767, -5.0989
Hunter-Lab	64.7907, 6.3729, -21.9263

Details

The XYZ color **43.4684, 41.9783, 73.5217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.2702, 69.2666, 47.6251**, and the grayscale version is **40.5471, 42.6587, 46.4554**.

A 20% lighter version of the original color is **75.7570, 76.5389, 105.3884**, and **20.3553, 19.1522, 38.2212** is the 20% darker color. If you saturate the color by 10%, you get **35.3858, 32.2394, 72.0686**, and if you desaturate by 10%, it is **53.0364, 53.5071, 75.2434**.

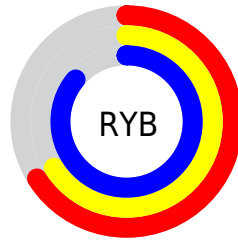
Distribution



Red (66%)

Green (66%)

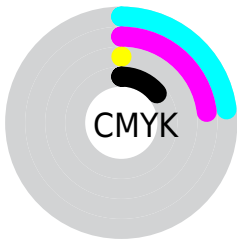
Blue (86%)



Red (66%)

Yellow (66%)

Blue (86%)

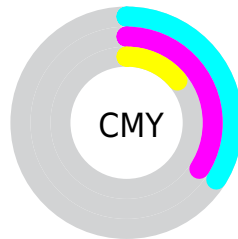


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (34%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4684, 41.9783, 73.5217 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 43.4684, 41.9783, 73.5217 by changing the saturation by 10% instead.

■ 43.4684, 41.9783,
73.5217

■ 43.4684, 41.9783,
73.5217

351.4235,
354.3930, 491.9401

■ 30.4489, 29.0843,
53.9082

■ 79.6685, 78.1668,
125.9453

■ 20.3293, 19.1446,
38.1356

■ 103.5799,
102.2301, 159.5926

■ 12.7443, 11.7748,
25.7853

131.8526,
130.7852, 198.7548

■ 7.3285, 6.5905,
16.4388

164.8520,
164.2166, 243.8506

■ 3.7165, 3.2074,
9.6775

202.9434,
202.9087, 295.2985

■ 1.5430, 1.2409,
5.0828

246.4922,

■ 0.3548, 0.0948,

247.2459, 353.5170

2.2364

295.8638,
297.6125, 418.9247

■ 0.0000, 0.0000,
0.6952

■ 0.0000, 0.0000,
0.0000

■ 43.4684, 41.9783,
73.5217

■ 43.4684, 41.9783,
73.5217

■ 35.3858, 32.2394,
72.0686

■ 53.0364, 53.5071,
75.2434

■ 28.7104, 24.1960,
70.8679

■ 64.1546, 66.9037,
77.2432

■ 23.3629, 17.7526,
69.9060

■ 76.8892, 82.2479,
79.5337

■ 19.2548, 12.8025,
69.1671

■ 89.9184, 97.9474,
81.8773

■ 16.2864, 9.2258,
68.6332

■ 14.3432, 6.8843,
68.2836

■ 13.2864, 5.6108,
68.0935

■ 12.9185, 5.1675,
68.0274

Harmonies

Analogous

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



38.8026, 41.9783, 76.0373



43.4684, 41.9783, 73.5217



47.4435, 41.9783, 62.9284

Triad

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



43.4684, 41.9783, 73.5217



45.5298, 41.9783, 28.2121



31.6850, 41.9783, 42.6103

Complementary

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



43.4684, 41.9783, 73.5217



62.2702, 69.2666, 47.6251

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.



33.2002, 41.9783, 31.9549



43.4684, 41.9783, 73.5217



41.0161, 41.9783, 24.7527

Square

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



43.4684, 41.9783, 73.5217



48.6965, 41.9783, 36.4776



36.5308, 41.9783, 25.9761



32.2307, 41.9783, 56.3756

Rectangle

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



43.4684, 41.9783, 73.5217



49.0468, 41.9783, 53.6517



36.5308, 41.9783, 25.9761



31.9660, 41.9783, 38.5884

Sweetspot

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



43.4698, 41.9800, 73.5227



83.3529, 85.9059, 106.7961



54.7622, 64.7446, 76.7328



17.6363, 18.1408, 22.8219



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.



43.4698, 41.9800, 73.5227



54.7794, 51.4769, 101.6566



49.2656, 44.9675, 73.7938



12.3388, 12.6173, 16.4372



7.5817, 3.0328, 39.9242



0.4912, 0.1965, 2.5865

Inverse Universe

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



50.8657, 46.4573, 43.8242



66.9076, 58.8191, 52.9558



55.3517, 65.7006, 47.3014



13.0561, 13.0515, 13.5567



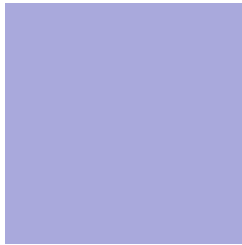
17.3222, 8.9299, 0.8108



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 43.4684, 41.9783, 73.5217 looks on a white background.

Color Contrast Check

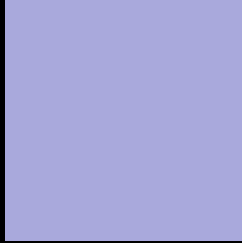
Large Text (above 18pt) WCAG AA × Fail

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 43.4684, 41.9783, 73.5217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

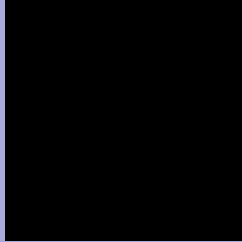
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4684, 41.9783, 73.5217

Background



This preview shows how black text looks on a background with the XYZ color 43.4684, 41.9783, 73.5217.



This preview shows how white text looks on a background with the XYZ color 43.4684, 41.9783,

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

43.4684, 41.9783, 73.5217

Protanopia

42.2449, 41.8733, 74.9631

Deuteranopia

43.0189, 42.0237, 73.5542



Tritanopia

39.6195, 42.1206, 54.1860

Trichromacy



Original Color

43.4684, 41.9783, 73.5217

Protanomaly

42.5301, 41.7564, 74.2248

Deuteranomaly

43.2293, 42.1322, 73.5641

Tritanomaly

40.8859, 42.0566, 60.6064

Monochromacy



Original Color

43.4684, 41.9783, 73.5217

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5811, 42.5330, 55.3083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4684, 41.9783, 73.5217 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(169, 169, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 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(169, 169, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 220) }
```

Border

The CSS property to change the border of an element to XYZ 43.4684, 41.9783, 73.5217 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(169, 169, 220) }
```


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

```
.border{ border-color:rgb(169, 169, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4684, 41.9783, 73.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 220) }
```

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

```
.background{ background-color: rgb(169,  
169, 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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