

Converting Colors

XYZ(43.2059, 40.2823, 72.7600)

Have a look what the booklet for
XYZ(43.2059, 40.2823, 72.7600)
contains.

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Color

**XYZ(43.1170, 40.1931,
72.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA3DB
RGB	173, 163, 219
RGB Percent	68%, 64%, 86%
CMY	0.3216, 0.3608, 0.1412
CMYK	0.21, 0.26, 0.00, 0.14
HSL	251°, 44%, 75%
HSV	251°, 26%, 86%
XYZ	43.1170, 40.1931, 72.5034
YIQ	172.3740, -12.0160, 19.5360

Conversions

Conversions Part 2

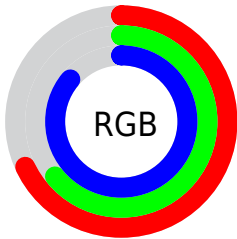
Format	Color
RYB	173, 163, 219
Decimal	11379675
CIELab	69.61, 15.19, -27.05
CIELCh	70, 31.023, 299.316
Yxy	40.1931, 0.2767, 0.2580
Android (android.graphics.Color)	4289569755 (0xFFADA3DB)
YUV	172.3740, 22.9866, 0.5490
Hunter-Lab	63.3980, 10.4513, -23.4267

Details

The XYZ color **43.1170, 40.1931, 72.5034** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.2380, 66.8636, 44.4885**, and the grayscale version is **39.2947, 41.3411, 45.0204**.

A 20% lighter version of the original color is **75.4345, 74.0208, 104.9194**, and **20.1310, 18.0423, 37.5434** is the 20% darker color. If you saturate the color by 10%, you get **35.8465, 31.1647, 71.1446**, and if you desaturate by 10%, it is **51.5990, 50.8475, 74.1135**.

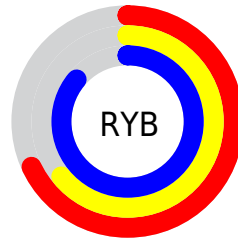
Distribution



Red (68%)

Green (64%)

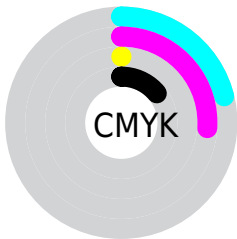
Blue (86%)



Red (68%)

Yellow (64%)

Blue (86%)

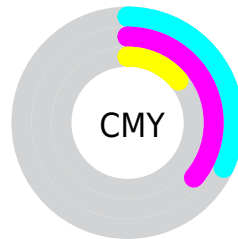


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1170, 40.1931, 72.5034 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 43.1170, 40.1931, 72.5034 by changing the saturation by 10% instead.

■ 43.1170, 40.1931,
72.5034

■ 43.1170, 40.1931,
72.5034

350.0061,
346.9368, 488.3164

■ 30.1718, 27.6891,
53.0806

■ 79.1420, 75.4575,
124.4863

■ 20.1178, 18.0915,
37.4790

■ 102.9526, 98.9867,
157.8836

■ 12.5894, 11.0157,
25.2799

131.1156,
126.9597, 196.7761

■ 7.2215, 6.0774,
16.0648

163.9966,
159.7610, 241.5824

■ 3.6486, 2.8922,
9.4152

201.9607,
197.7750, 292.7211

■ 1.5053, 1.0757,
4.9125

245.3734,

■ 0.3294, 0.0000,

241.3860, 350.6106

2.1381

294.6001,
290.9785, 415.6695

■ 0.0000, 0.0000,
0.6383

■ 0.0000, 0.0000,
0.0000

■ 43.1170, 40.1931,
72.5034

■ 43.1170, 40.1931,
72.5034

■ 35.8465, 31.1647,
71.1446

■ 51.5990, 50.8475,
74.1135

■ 29.7278, 23.6770,
70.0218

■ 61.3410, 63.1978,
75.9839

■ 24.7015, 17.6444,
69.1223

■ 72.3933, 77.3157,
78.1264

■ 20.7016, 12.9708,
68.4311

■ 84.8025, 93.2672,
80.5513

■ 17.6546, 9.5483,
67.9310

■ 89.7863, 97.8945,
81.1818

■ 15.4765, 7.2523,
67.6027

■ 14.0674, 5.9313,
67.4220

■ 13.6270, 5.5479,
67.3712

Harmonies

Analogous

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



38.0875, 40.1931, 77.5621



43.1170, 40.1931, 72.5034



47.1023, 40.1931, 59.4096

Triad

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



43.1170, 40.1931, 72.5034



43.3332, 40.1931, 24.0630



29.3549, 40.1931, 43.4350

Complementary

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



43.1170, 40.1931, 72.5034



58.2380, 66.8636, 44.4885

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.



30.5006, 40.1931, 31.1381



43.1170, 40.1931, 72.5034



38.3174, 40.1931, 21.5633

Square

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



43.1170, 40.1931, 72.5034



47.2347, 40.1931, 31.5948



33.6761, 40.1931, 23.8426



30.4018, 40.1931, 58.7130

Rectangle

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



43.1170, 40.1931, 72.5034



48.4745, 40.1931, 49.0812



33.6761, 40.1931, 23.8426



29.4946, 40.1931, 38.8444

Sweetspot

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



43.1183, 40.1947, 72.5043



82.9854, 84.6270, 106.5686



50.8560, 58.8309, 75.6936



17.3054, 17.5337, 22.7222



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.



43.1183, 40.1947, 72.5043



54.8171, 49.2066, 101.2164



49.7932, 43.6358, 72.8167



12.5544, 12.7284, 16.4473



8.1456, 3.3234, 39.9506



0.5938, 0.2494, 2.5913

Inverse Universe

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



53.8204, 45.8594, 66.3380



72.6155, 58.6350, 90.6192



51.1564, 63.2129, 44.1571



13.5094, 13.2329, 15.9438



22.2376, 10.8961, 26.6948



1.4673, 0.7166, 1.8698

Previews

White Background



This preview shows how the XYZ color 43.1170, 40.1931, 72.5034 looks on a white background.

Color Contrast Check

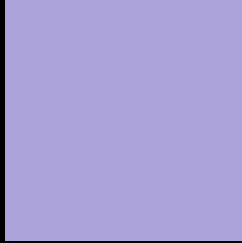
Large Text (above 18pt) WCAG AA × Fail

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 43.1170, 40.1931, 72.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

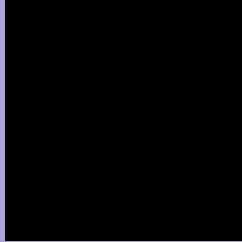
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1170, 40.1931, 72.5034

Background



This preview shows how black text looks on a background with the XYZ color 43.1170, 40.1931, 72.5034.



This preview shows how white text looks on a background with the XYZ color 43.1170, 40.1931,

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

43.1170, 40.1931, 72.5034

Protanopia

40.8395, 40.3015, 75.4385

Deuteranopia

41.1715, 40.2765, 71.9338



Tritanopia

38.6479, 40.2753, 50.5367

Trichromacy



Original Color

43.1170, 40.1931, 72.5034

Protanomaly

41.7213, 40.2277, 74.6730

Deuteranomaly

41.8082, 40.3337, 71.9113

Tritanomaly

40.1447, 40.0580, 57.8407

Monochromacy



Original Color

43.1170, 40.1931, 72.5034

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.3865, 40.8207, 53.8947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1170, 40.1931, 72.5034 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(173, 163, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 219)  
}
```

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(173, 163, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.1170, 40.1931, 72.5034 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(173, 163, 219) }
```


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

```
.border{ border-color:rgb(173, 163, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1170, 40.1931, 72.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 219) }
```

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

```
.background{ background-color: rgb(173,  
163, 219) }
```

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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