

Converting Colors

XYZ(42.5318, 39.4519, 71.3930)

Have a look what the booklet for
XYZ(42.5318, 39.4519, 71.3930)
contains.

XYZ(42.6333, 39.4359, 71.6945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.6333, 39.4359,
71.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA1DA
RGB	173, 161, 218
RGB Percent	68%, 63%, 85%
CMY	0.3216, 0.3686, 0.1451
CMYK	0.21, 0.26, 0.00, 0.15
HSL	253°, 44%, 74%
HSV	253°, 26%, 85%
XYZ	42.6333, 39.4359, 71.6945
YIQ	171.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

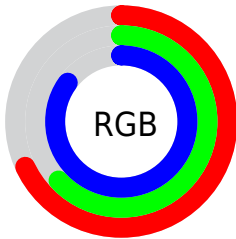
Format	Color
RYB	173, 161, 218
Decimal	11379162
CIELab	69.07, 16.08, -27.33
CIELCh	69, 31.710, 300.470
Yxy	39.4359, 0.2773, 0.2565
Android (android.graphics.Color)	4289569242 (0xFFADA1DA)
YUV	171.0860, 23.1286, 1.6786
Hunter-Lab	62.7980, 11.2864, -23.7309

Details

The XYZ color **42.6333, 39.4359, 71.6945** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.9592, 65.8387, 43.4260**, and the grayscale version is **38.6444, 40.6569, 44.2754**.

A 20% lighter version of the original color is **74.9190, 72.9897, 104.7475**, and **19.8252, 17.5747, 36.9977** is the 20% darker color. If you saturate the color by 10%, you get **35.5871, 30.6334, 70.3675**, and if you desaturate by 10%, it is **50.8365, 49.8227, 73.2676**.

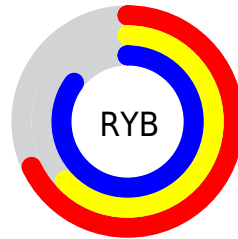
Distribution



Red (68%)

Green (63%)

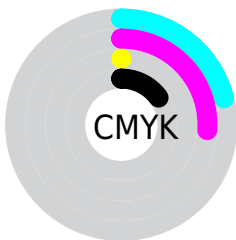
Blue (85%)



Red (68%)

Yellow (63%)

Blue (85%)

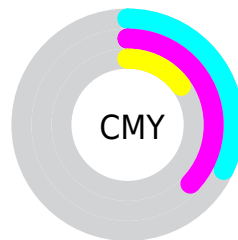


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (37%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6333, 39.4359, 71.6945 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 42.6333, 39.4359, 71.6945 by changing the saturation by 10% instead.

■ 42.6333, 39.4359,
71.6945

■ 42.6333, 39.4359,
71.6945

348.0487,
343.7402, 485.4265

■ 29.7908, 27.0990,
52.4238

■ 78.4164, 74.3038,
123.3258

■ 19.8271, 17.6476,
36.9585

■ 102.0876, 97.6035,
156.5235

■ 12.3770, 10.6973,
24.8798

130.0992,
125.3263, 195.2006

■ 7.0750, 5.8637,
15.7693

162.8164,
157.8566, 239.7757

■ 3.5558, 2.7624,
9.2085

200.6046,
195.5787, 290.6673

■ 1.4540, 1.0090,
4.7787

243.8291,

■ 0.2942, 0.0000,

238.8771, 348.2939

2.0616

292.8553,
288.1361, 413.0741

■ 0.0000, 0.0000,
0.5928

■ 0.0000, 0.0000,
0.0000

■ 42.6333, 39.4359,
71.6945

■ 42.6333, 39.4359,
71.6945

■ 35.5871, 30.6334,
70.3675

■ 50.8365, 49.8227,
73.2676

■ 29.6409, 23.3317,
69.2715

■ 60.2424, 61.8619,
75.0957

■ 24.7388, 17.4472,
68.3941

■ 70.8990, 75.6236,
77.1903

■ 20.8180, 12.8859,
67.7203

■ 82.8502, 91.1723,
79.5616

■ 17.8088, 9.5420,
67.2334

■ 89.6550, 97.8420,
80.4904

■ 15.6313, 7.2932,
66.9141

■ 14.1896, 5.9885,
66.7383

■ 13.7769, 5.6403,
66.6929

Harmonies

Analogous

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



37.5624, 39.4359, 77.2439



42.6333, 39.4359, 71.6945



46.5967, 39.4359, 58.1809

Triad

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



42.6333, 39.4359, 71.6945



42.4830, 39.4359, 22.9789



28.5750, 39.4359, 43.1678

Complementary

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



42.6333, 39.4359, 71.6945



56.9592, 65.8387, 43.4260

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.



29.6419, 39.4359, 30.6227



42.6333, 39.4359, 71.6945



37.4030, 39.4359, 20.6763

Square

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



42.6333, 39.4359, 71.6945



46.5046, 39.4359, 30.3080



32.7645, 39.4359, 23.1298



29.7102, 39.4359, 58.6666

Rectangle

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



42.6333, 39.4359, 71.6945



47.9143, 39.4359, 47.7172



32.7645, 39.4359, 23.1298



28.6869, 39.4359, 38.4909

Sweetspot

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



42.6346, 39.4375, 71.6954



83.2049, 84.7402, 106.5789



49.5701, 57.0722, 74.7337



17.3603, 17.5619, 22.7248



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.



42.6346, 39.4375, 71.6954



55.4537, 49.5348, 101.2462



49.4615, 42.9569, 72.0149



12.5936, 12.7486, 16.4491



8.3268, 3.4168, 39.9590



0.6121, 0.2588, 2.5921

Inverse Universe

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



52.8001, 44.8529, 64.2685



72.2410, 58.4852, 88.6470



49.8887, 62.1937, 43.0951



13.4909, 13.2254, 15.8461



21.8301, 10.7331, 24.5493



1.4443, 0.7074, 1.7486

Previews

White Background



This preview shows how the XYZ color 42.6333, 39.4359, 71.6945 looks on a white background.

Color Contrast Check

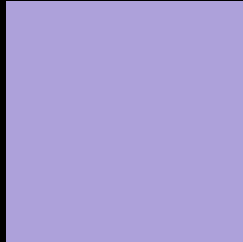
Large Text (above 18pt) WCAG AA × Fail

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 42.6333, 39.4359, 71.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

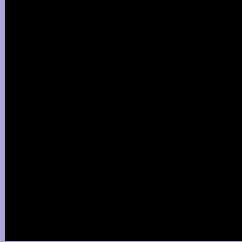
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6333, 39.4359, 71.6945

Background



This preview shows how black text looks on a background with the XYZ color 42.6333, 39.4359, 71.6945.



This preview shows how white text looks on a background with the XYZ color 42.6333, 39.4359,

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

42.6333, 39.4359, 71.6945

Protanopia

40.1404, 39.6837, 74.6513

Deuteranopia

40.4587, 39.6531, 71.1671



Tritanopia

38.0690, 39.4485, 49.3239

Trichromacy



Original Color

42.6333, 39.4359, 71.6945

Protanomaly

41.0035, 39.6043, 73.8899

Deuteranomaly

41.1097, 39.4532, 71.0942

Tritanomaly

39.5549, 39.2403, 56.5283

Monochromacy



Original Color

42.6333, 39.4359, 71.6945

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.9091, 40.0389, 53.2018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6333, 39.4359, 71.6945 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, 161, 218)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 218)  
}
```

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, 161, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 218) }
```

Border

The CSS property to change the border of an element to XYZ 42.6333, 39.4359, 71.6945 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, 161, 218) }
```


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

```
.border{ border-color:rgb(173, 161, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 161, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 161, 218); box-shadow:4px 4px 4px 4px rgb(173, 161, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6333, 39.4359, 71.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 218) }
```

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

```
.background{ background-color: rgb(173,  
161, 218) }
```

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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