

Converting Colors

XYZ(42.3373, 38.5143, 71.5323)

Have a look what the booklet for
XYZ(42.3373, 38.5143, 71.5323)
contains.

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Color

**XYZ(42.3373, 38.5143,
71.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9EDA
RGB	174, 158, 218
RGB Percent	68%, 62%, 85%
CMY	0.3176, 0.3804, 0.1451
CMYK	0.20, 0.28, 0.00, 0.15
HSL	256°, 45%, 74%
HSV	256°, 28%, 85%
XYZ	42.3373, 38.5143, 71.5323
YIQ	169.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

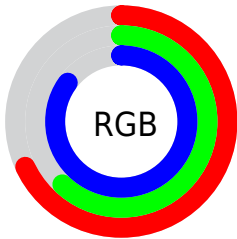
Format	Color
RYB	174, 158, 218
Decimal	11443930
CIELab	68.40, 18.07, -28.35
CIELCh	68, 33.620, 302.513
Yxy	38.5143, 0.2778, 0.2527
Android (android.graphics.Color)	4289634010 (0xFFAE9EDA)
YUV	169.6240, 23.8494, 3.8378
Hunter-Lab	62.0599, 13.1680, -24.8977

Details

The XYZ color **42.3373, 38.5143, 71.5323** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6012, 65.1689, 41.9977**, and the grayscale version is **37.9111, 39.8855, 43.4353**.

A 20% lighter version of the original color is **74.4774, 71.6315, 104.5086**, and **19.7537, 17.2247, 36.9339** is the 20% darker color. If you saturate the color by 10%, you get **35.5915, 29.9983, 70.2447**, and if you desaturate by 10%, it is **50.1692, 48.5710, 73.0613**.

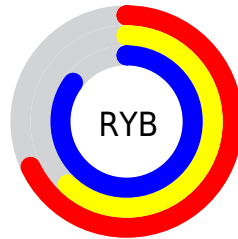
Distribution



Red (68%)

Green (62%)

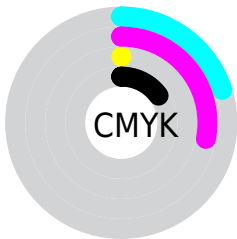
Blue (85%)



Red (68%)

Yellow (62%)

Blue (85%)

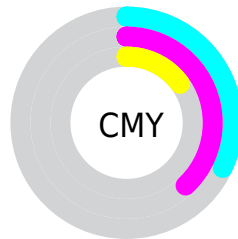


Cyan (20%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3373, 38.5143, 71.5323 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 42.3373, 38.5143, 71.5323 by changing the saturation by 10% instead.

■ 42.3373, 38.5143,
71.5323

■ 42.3373, 38.5143,
71.5323

346.8472,
339.8211, 484.8458

■ 29.5578, 26.3821,
52.2922

■ 77.9718, 72.8957,
123.0929

■ 19.6496, 17.1097,
36.8542

■ 101.5575, 95.9138,
156.2504

■ 12.2473, 10.3127,
24.7997

129.4760,
123.3292, 194.8842

■ 6.9858, 5.6068,
15.7102

162.0926,
155.5264, 239.4128

■ 3.4994, 2.6075,
9.1672

199.7726,
192.8898, 290.2547

■ 1.4231, 0.9304,
4.7521

242.8815,

■ 0.2726, 0.0000,

235.8038, 347.8285

2.0464

291.7846,
284.6527, 412.5527

■ 0.0000, 0.0000,
0.5836

■ 0.0000, 0.0000,
0.0000

■ 42.3373, 38.5143,
71.5323

■ 42.3373, 38.5143,
71.5323

■ 35.5915, 29.9983,
70.2447

■ 50.1692, 48.5710,
73.0613

■ 29.8782, 22.9411,
69.1837

■ 59.1297, 60.2357,
74.8405

■ 25.1450, 17.2600,
68.3366

■ 69.2636, 73.5772,
76.8816

■ 21.3330, 12.8620,
67.6886

■ 80.6122, 88.6587,
79.1945

■ 18.3765, 9.6422,
67.2229

■ 89.2650, 97.6409,
80.4722

■ 16.2002, 7.4783,
66.9200

■ 89.6550, 97.8420,
80.4904

■ 14.7062, 6.2065,
66.7532

■ 14.4076, 5.9655,
66.7224

Harmonies

Analogous

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



37.0535, 38.5143, 78.1928



42.3373, 38.5143, 71.5323



46.3686, 38.5143, 56.8326

Triad

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



42.3373, 38.5143, 71.5323



41.4937, 38.5143, 21.0739



27.3745, 38.5143, 43.2230

Complementary

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



42.3373, 38.5143, 71.5323



55.6012, 65.1689, 41.9977

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.



28.3211, 38.5143, 29.8996



42.3373, 38.5143, 71.5323



36.1635, 38.5143, 19.0838

Square

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



42.3373, 38.5143, 71.5323



45.8496, 38.5143, 28.1722



31.4180, 38.5143, 21.8898



28.6978, 38.5143, 59.5791

Rectangle

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



42.3373, 38.5143, 71.5323



47.6196, 38.5143, 45.8381



31.4180, 38.5143, 21.8898



27.4378, 38.5143, 38.2610

Sweetspot

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



42.3386, 38.5159, 71.5332



83.5926, 84.9401, 106.5970



48.1126, 55.0441, 74.4191



17.4573, 17.6120, 22.7293



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.



42.3386, 38.5159, 71.5332



54.6508, 47.6647, 100.9275



49.5115, 42.2137, 71.8689



12.6628, 12.7843, 16.4523



8.7191, 3.6190, 39.9774



0.6462, 0.2764, 2.5937

Inverse Universe

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



51.8021, 43.6249, 61.5686



70.4199, 56.1873, 83.8958



48.4777, 61.4966, 41.6643



13.4584, 13.2125, 15.6754



21.1635, 10.4664, 21.0386



1.4061, 0.6921, 1.5473

Previews

White Background



This preview shows how the XYZ color 42.3373, 38.5143, 71.5323 looks on a white background.

Color Contrast Check

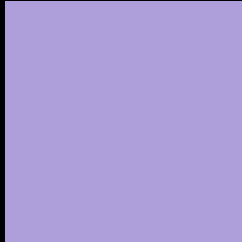
Large Text (above 18pt) WCAG AA × Fail

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 42.3373, 38.5143, 71.5323 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 42.3373, 38.5143, 71.5323

Background



This preview shows how black text looks on a background with the XYZ color 42.3373, 38.5143, 71.5323.



This preview shows how white text looks on a background with the XYZ color 42.3373, 38.5143,

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

42.3373, 38.5143, 71.5323

Protanopia

39.3521, 38.7220, 75.2121

Deuteranopia

39.5101, 38.6286, 71.0193



Tritanopia

37.5282, 38.3804, 48.0780

Trichromacy



Original Color

42.3373, 38.5143, 71.5323

Protanomaly

40.2696, 38.4320, 73.7023

Deuteranomaly

40.5490, 38.6369, 70.9662

Tritanomaly

39.1235, 38.2370, 55.7705

Monochromacy



Original Color

42.3373, 38.5143, 71.5323

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4004, 39.5182, 52.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3373, 38.5143, 71.5323 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(174, 158, 218)` looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 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(174, 158, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 218) }
```

Border

The CSS property to change the border of an element to XYZ 42.3373, 38.5143, 71.5323 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(174, 158, 218) }
```


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

```
.border{ border-color:rgb(174, 158, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 218);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3373, 38.5143, 71.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 218) }
```

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

```
.background{ background-color: rgb(174,  
158, 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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