

Converting Colors

XYZ(42.4339, 44.6270, 73.3952)

Have a look what the booklet for
XYZ(42.4339, 44.6270, 73.3952)
contains.

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Color

**XYZ(42.4339, 44.6270,
73.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB4DB
RGB	154, 180, 219
RGB Percent	60%, 71%, 86%
CMY	0.3961, 0.2941, 0.1412
CMYK	0.30, 0.18, 0.00, 0.14
HSL	216°, 47%, 73%
HSV	216°, 30%, 86%
XYZ	42.4339, 44.6270, 73.3952
YIQ	176.6720, -28.0150, 6.6170

Conversions

Conversions Part 2

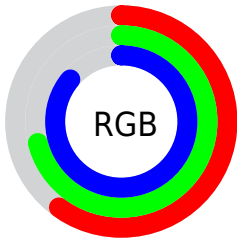
Format	Color
RYB	154, 173, 219
Decimal	10138843
CIELab	72.65, 0.05, -22.52
CIELCh	73, 22.524, 270.132
Yxy	44.6270, 0.2645, 0.2781
Android (android.graphics.Color)	4288328923 (0xFF9AB4DB)
YUV	176.6720, 20.8677, -19.8833
Hunter-Lab	66.8034, -3.5219, -18.3780

Details

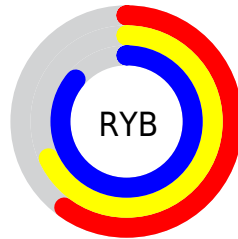
The XYZ color **42.4339, 44.6270, 73.3952** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.1169, 55.5338, 38.4401**, and the grayscale version is **41.5238, 43.6862, 47.5743**.

A 20% lighter version of the original color is **74.6238, 80.9125, 106.2923**, and **19.6570, 20.6258, 38.0671** is the 20% darker color. If you saturate the color by 10%, you get **36.1119, 37.6159, 72.3759**, and if you desaturate by 10%, it is **49.7706, 52.5366, 74.5360**.

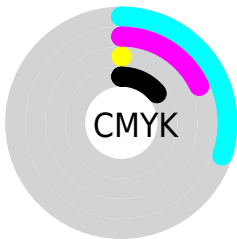
Distribution



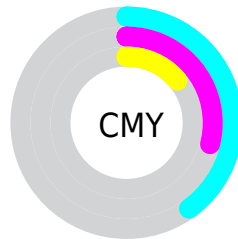
- Red (60%)
- Green (71%)
- Blue (86%)



- Red (60%)
- Yellow (68%)
- Blue (86%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (40%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4339, 44.6270, 73.3952 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 42.4339, 44.6270, 73.3952 by changing the saturation by 10% instead.

■ 42.4339, 44.6270,
73.3952

■ 42.4339, 44.6270,
73.3952

347.2396,
365.2608, 491.4908

■ 29.6338, 31.1637,
53.8054

■ 78.1169, 82.1604,
125.7642

■ 19.7075, 20.7236,
38.0540

■ 101.7306,
106.9993, 159.3805

■ 12.2896, 12.9221,
25.7224

129.6795,
136.3989, 198.5093

■ 7.0148, 7.3749,
16.3922

162.3289,
170.7436, 243.5692

■ 3.5178, 3.6977,
9.6448

200.0443,
210.4177, 294.9788

■ 1.4331, 1.5059,
5.0616

243.1910,

■ 0.2796, 0.2929,

255.8057, 353.1566

2.2241

292.1343,
307.2919, 418.5211

■ 0.0000, 0.0000,
0.6882

■ 0.0000, 0.0000,
0.0000

■ 42.4339, 44.6270,
73.3952

■ 42.4339, 44.6270,
73.3952

■ 36.1119, 37.6159,
72.3759

■ 49.7706, 52.5366,
74.5360

■ 30.7521, 31.4627,
71.4707

■ 58.1627, 61.3725,
75.7992

■ 26.3032, 26.1314,
70.6761

■ 67.6538, 71.1678,
77.1896

■ 22.7072, 21.5806,
69.9873

■ 78.2836, 81.9520,
78.7109

■ 19.8985, 17.7647,
69.3988

■ 86.8915, 92.1049,
80.2170

■ 17.8004, 14.6315,
68.9046

■ 89.7863, 97.8945,
81.1819

■ 16.2869, 12.1027,
68.4962

■ 16.2436, 12.0291,
68.4843

Harmonies

Analogous

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



38.7896, 44.6270, 69.7026



42.4339, 44.6270, 73.3952



46.2947, 44.6270, 69.6397

Triad

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



42.4339, 44.6270, 73.3952



49.2405, 44.6270, 38.5852



36.2387, 44.6270, 38.6587

Complementary

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



42.4339, 44.6270, 73.3952



54.1169, 55.5338, 38.4401

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.



38.7614, 44.6270, 32.2790



42.4339, 44.6270, 73.3952



46.2630, 44.6270, 32.2413

Square

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



42.4339, 44.6270, 73.3952



50.3686, 44.6270, 48.5418



42.3994, 44.6270, 30.1190



35.3490, 44.6270, 48.6407

Rectangle

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



42.4339, 44.6270, 73.3952



48.4383, 44.6270, 63.7039



42.3994, 44.6270, 30.1190



36.9159, 44.6270, 36.0803

Sweetspot

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



42.4353, 44.6288, 73.3962



82.8685, 87.4312, 107.1160



48.1643, 61.3361, 59.1225



17.3417, 18.3016, 22.8685



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.



42.4353, 44.6288, 73.3962



53.8313, 56.2998, 102.6375



38.7239, 35.6407, 71.8570



12.7640, 13.4678, 16.5789



9.7321, 7.3336, 40.6410



0.7134, 0.6409, 2.6605

Inverse Universe

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



49.0085, 41.4679, 48.6029



64.7889, 51.6919, 61.1582



58.7753, 67.2305, 40.4523



13.2708, 13.1374, 14.6870



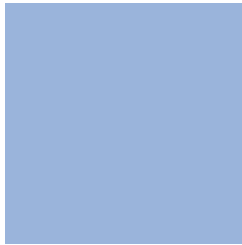
18.4076, 9.3641, 6.5267



1.2344, 0.6234, 0.6431

Previews

White Background



This preview shows how the XYZ color 42.4339, 44.6270, 73.3952 looks on a white background.

Color Contrast Check

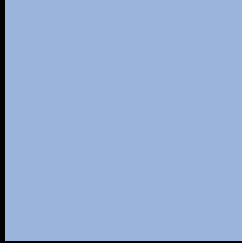
Large Text (above 18pt) WCAG AA × Fail

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 42.4339, 44.6270, 73.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

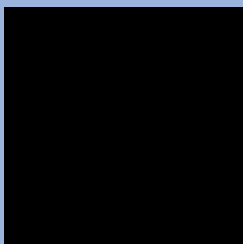
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

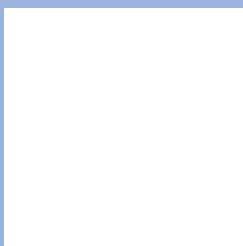
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4339, 44.6270, 73.3952

Background



This preview shows how black text looks on a background with the XYZ color 42.4339, 44.6270, 73.3952.



This preview shows how white text looks on a background with the XYZ color 42.4339, 44.6270,

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

42.4339, 44.6270, 73.3952

Protanopia

44.2822, 44.4436, 71.2103

Deuteranopia

45.5099, 44.4381, 73.8889



Tritanopia

39.9112, 44.8422, 59.9780

Trichromacy



Original Color

42.4339, 44.6270, 73.3952

Protanomaly

43.5564, 44.3465, 71.9097

Deuteranomaly

44.3800, 44.4335, 73.9476

Tritanomaly

40.8366, 44.9025, 64.9073

Monochromacy



Original Color

42.4339, 44.6270, 73.3952

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7970, 44.0816, 56.1748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4339, 44.6270, 73.3952 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(154, 180, 219)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 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(154, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 219) }
```

Border

The CSS property to change the border of an element to XYZ 42.4339, 44.6270, 73.3952 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(154, 180, 219) }
```


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

```
.border{ border-color:rgb(154, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4339, 44.6270, 73.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 219) }
```

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

```
.background{ background-color: rgb(154,  
180, 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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