

Converting Colors

XYZ(41.7230, 43.8056, 73.8031)

Have a look what the booklet for
XYZ(41.7230, 43.8056, 73.8031)
contains.

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Color

**XYZ(41.8009, 43.9868,
73.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	97B3DC
RGB	151, 179, 220
RGB Percent	59%, 70%, 86%
CMY	0.4078, 0.2980, 0.1373
CMYK	0.31, 0.19, 0.00, 0.14
HSL	216°, 50%, 73%
HSV	216°, 31%, 86%
XYZ	41.8009, 43.9868, 73.9973
YIQ	175.3020, -29.8490, 6.8150

Conversions

Conversions Part 2

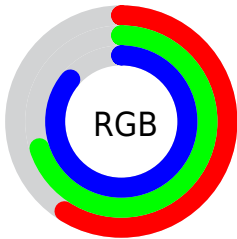
Format	Color
RYB	151, 171, 220
Decimal	9941980
CIELab	72.22, -0.02, -23.74
CIElCh	72, 23.736, 269.947
Yxy	43.9868, 0.2616, 0.2753
Android (android.graphics.Color)	4288132060 (0xFF97B3DC)
YUV	175.3020, 22.0361, -21.3129
Hunter-Lab	66.3225, -3.5618, -19.7252

Details

The XYZ color **41.8009, 43.9868, 73.9973** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.9516, 55.1501, 37.0811**, and the grayscale version is **40.8056, 42.9306, 46.7515**.

A 20% lighter version of the original color is **73.4905, 79.9021, 106.1570**, and **19.2894, 20.2350, 38.4864** is the 20% darker color. If you saturate the color by 10%, you get **35.5959, 37.0821, 72.9924**, and if you desaturate by 10%, it is **49.0190, 51.7845, 75.1227**.

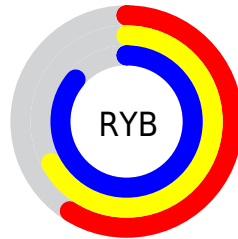
Distribution



Red (59%)

Green (70%)

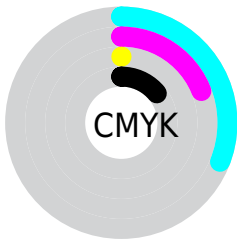
Blue (86%)



Red (59%)

Yellow (67%)

Blue (86%)

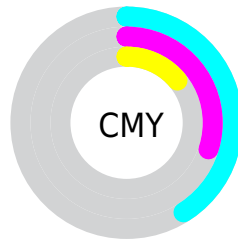


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8009, 43.9868, 73.9973 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 41.8009, 43.9868, 73.9973 by changing the saturation by 10% instead.

■ 41.8009, 43.9868,
73.9973

■ 41.8009, 43.9868,
73.9973

344.6626,
362.6544, 493.6272

■ 29.1358, 30.6601,
54.2951

■ 77.1653, 81.1979,
126.6260

■ 19.3284, 20.3402,
38.4428

■ 100.5953,
105.8511, 160.3895

■ 12.0132, 12.6426,
26.0221

128.3443,
135.0486, 199.6772

■ 6.8250, 7.1829,
16.6142

160.7778,
169.1748, 244.9076

■ 3.3982, 3.5767,
9.8008

198.2610,
208.6141, 296.4993

■ 1.3677, 1.4397,
5.1632

241.1593,

■ 0.2330, 0.2457,

253.7508, 354.8707

2.2829

289.8380,
304.9695, 420.4405

■ 0.0000, 0.0000,
0.7216

■ 0.0000, 0.0000,
0.0000

■ 41.8009, 43.9868,
73.9973

■ 41.8009, 43.9868,
73.9973

■ 35.5959, 37.0821,
72.9924

■ 49.0190, 51.7845,
75.1227

■ 30.3503, 31.0296,
72.1006

■ 57.2917, 60.5034,
76.3696

■ 26.0119, 25.7926,
71.3184

■ 66.6633, 70.1767,
77.7428

■ 22.5210, 21.3293,
70.6409

■ 77.1741, 80.8344,
79.2460

■ 19.8100, 17.5929,
70.0626

■ 86.6189, 91.3484,
80.7776

■ 17.7990, 14.5299,
69.5773

■ 89.9184, 97.9474,
81.8774

■ 16.5140, 12.3586,
69.2260

Harmonies

Analogous

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



38.0086, 43.9868, 70.0414



41.8009, 43.9868, 73.9973



45.8395, 43.9868, 70.0681

Triad

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



41.8009, 43.9868, 73.9973



48.9655, 43.9868, 37.5504



35.3911, 43.9868, 37.5199

Complementary

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



41.8009, 43.9868, 73.9973



53.9516, 55.1501, 37.0811

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.



38.0203, 43.9868, 30.9744



41.8009, 43.9868, 73.9973



45.8528, 43.9868, 30.9898

Square

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



41.8009, 43.9868, 73.9973



50.1362, 43.9868, 47.9149



41.8154, 43.9868, 28.7891



34.4575, 43.9868, 47.8734

Rectangle

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



41.8009, 43.9868, 73.9973



48.0919, 43.9868, 63.8201



41.8154, 43.9868, 28.7891



36.0971, 43.9868, 34.8660

Sweetspot

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



41.8023, 43.9885, 73.9983



82.9079, 87.5101, 107.1292



47.7884, 61.5393, 58.7953



17.3514, 18.3210, 22.8717



0.0000, 0.0000, 0.0000



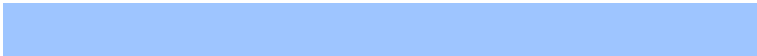
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8023, 43.9885, 73.9983



52.2327, 54.6241, 102.3983



37.8421, 34.4450, 72.3650



12.7703, 13.4804, 16.5811



9.7948, 7.4591, 40.6619



0.7178, 0.6497, 2.6620

Inverse Universe

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



48.7197, 40.6049, 47.9193



63.6105, 49.7985, 59.3372



58.9846, 67.7554, 39.2489



13.2739, 13.1387, 14.7038



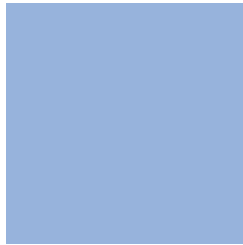
18.4393, 9.3768, 6.6934



1.2366, 0.6243, 0.6548

Previews

White Background



This preview shows how the XYZ color 41.8009, 43.9868, 73.9973 looks on a white background.

Color Contrast Check

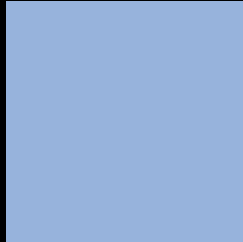
Large Text (above 18pt) WCAG AA × Fail

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 41.8009, 43.9868, 73.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

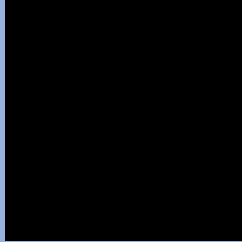
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

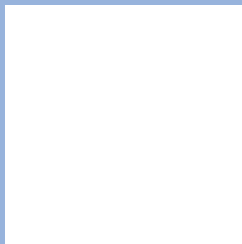
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8009, 43.9868, 73.9973

Background



This preview shows how black text looks on a background with the XYZ color 41.8009, 43.9868, 73.9973.



This preview shows how white text looks on a background with the XYZ color 41.8009, 43.9868,

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

41.8009, 43.9868, 73.9973

Protanopia

43.7907, 43.8852, 71.8083

Deuteranopia

44.7893, 43.7655, 74.4936



Tritanopia

38.9806, 44.0552, 59.8751

Trichromacy



Original Color

41.8009, 43.9868, 73.9973

Protanomaly

42.8782, 43.6897, 72.5027

Deuteranomaly

43.6910, 43.7729, 74.5529

Tritanomaly

40.0813, 44.2080, 64.8130

Monochromacy



Original Color

41.8009, 43.9868, 73.9973

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6552, 42.9192, 55.4317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8009, 43.9868, 73.9973 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(151, 179, 220)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 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(151, 179, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 220) }
```

Border

The CSS property to change the border of an element to XYZ 41.8009, 43.9868, 73.9973 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(151, 179, 220) }
```


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

```
.border{ border-color:rgb(151, 179, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 220);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8009, 43.9868, 73.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 220) }
```

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

```
.background{ background-color: rgb(151,  
179, 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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