

Converting Colors

XYZ(39.3957, 43.1909, 74.1761)

Have a look what the booklet for
XYZ(39.3957, 43.1909, 74.1761)
contains.

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Color

**XYZ(39.4338, 43.3660,
74.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	87B5DC
RGB	135, 181, 220
RGB Percent	53%, 71%, 86%
CMY	0.4706, 0.2902, 0.1373
CMYK	0.39, 0.18, 0.00, 0.14
HSL	208°, 55%, 70%
HSV	208°, 39%, 86%
XYZ	39.4338, 43.3660, 74.0022
YIQ	171.6920, -39.9350, 2.3770

Conversions

Conversions Part 2

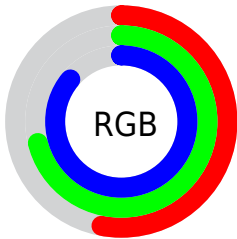
Format	Color
RYB	135, 165, 220
Decimal	8893916
CIELab	71.80, -5.54, -24.46
CIELCh	72, 25.079, 257.234
Yxy	43.3660, 0.2515, 0.2766
Android (android.graphics.Color)	4287083996 (0xFF87B5DC)
YUV	171.6920, 23.8158, -32.1789
Hunter-Lab	65.8529, -8.3537, -20.5302

Details

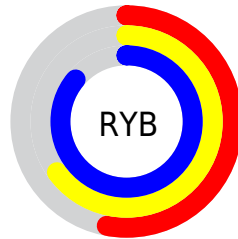
The XYZ color **39.4338, 43.3660, 74.0022** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.0252, 47.2377, 29.4568**, and the grayscale version is **38.9563, 40.9850, 44.6327**.

A 20% lighter version of the original color is **69.8200, 78.8647, 106.1503**, and **17.9040, 19.9043, 38.4956** is the 20% darker color. If you saturate the color by 10%, you get **34.2747, 37.7700, 73.1947**, and if you desaturate by 10%, it is **45.4757, 49.6398, 74.8955**.

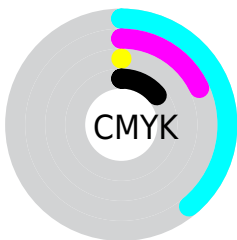
Distribution



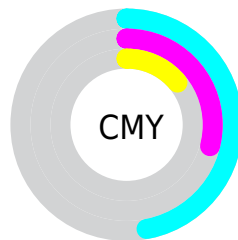
- Red (53%)
- Green (71%)
- Blue (86%)



- Red (53%)
- Yellow (65%)
- Blue (86%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4338, 43.3660, 74.0022 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 39.4338, 43.3660, 74.0022 by changing the saturation by 10% instead.

■ 39.4338, 43.3660,
74.0022

■ 39.4338, 43.3660,
74.0022

334.9068,
360.1148, 493.6446

■ 27.2796, 30.1724,
54.2990

■ 73.5904, 80.2629,
126.6330

■ 17.9210, 19.9695,
38.4460

■ 96.3235, 104.7349,
160.3977

■ 10.9926, 12.3729,
26.0245

■ 123.3136,
133.7353, 199.6867

■ 6.1291, 6.9981,
16.6160

154.9261,
167.6483, 244.9185

■ 2.9652, 3.4609,
9.8021

191.5263,
206.8583, 296.5116

■ 1.1354, 1.3768,
5.1640

233.4796,

■ 0.0544, 0.1996,

251.7498, 354.8847

2.2834

281.1513,
302.7072, 420.4561

■ 0.0000, 0.0000,
0.7219

■ 0.0000, 0.0000,
0.0000

■ 39.4338, 43.3660,
74.0022

■ 39.4338, 43.3660,
74.0022

■ 34.2747, 37.7700,
73.1947

■ 45.4757, 49.6398,
74.8955

■ 29.9458, 32.8170,
72.4669

■ 52.4409, 56.6139,
75.8745

■ 26.3948, 28.4765,
71.8162

■ 60.3719, 64.3156,
76.9431

■ 23.5610, 24.7120,
71.2390

■ 69.3076, 72.7691,
78.1038

■ 21.3733, 21.4818,
70.7308

■ 79.2844, 81.9973,
79.3592

■ 19.7255, 18.7258,
70.2857

■ 85.7817, 89.6739,
80.4985

■ 19.5227, 18.3759,
70.2288

■ 88.8622, 95.8350,
81.5253

■ 89.9184, 97.9474,
81.8774

Harmonies

Analogous

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



35.9008, 43.3660, 66.6263



39.4338, 43.3660, 74.0022



43.6937, 43.3660, 73.3652

Triad

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



39.4338, 43.3660, 74.0022



49.5500, 43.3660, 40.6012



35.4905, 43.3660, 33.0090

Complementary

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



39.4338, 43.3660, 74.0022



49.0252, 47.2377, 29.4568

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.



38.8378, 43.3660, 28.1640



39.4338, 43.3660, 74.0022



47.0360, 43.3660, 32.0006

Square

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



39.4338, 43.3660, 74.0022



49.7372, 43.3660, 52.5960



43.0554, 43.3660, 27.8299



33.7319, 43.3660, 42.2201

Rectangle

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



39.4338, 43.3660, 74.0022



46.3775, 43.3660, 68.4748



43.0554, 43.3660, 27.8299



36.4563, 43.3660, 30.8903

Sweetspot

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



39.4352, 43.3677, 74.0032



80.3582, 86.0185, 106.9756



43.1530, 59.3650, 48.8475



16.8842, 18.1056, 22.8548



0.0000, 0.0000, 0.0000



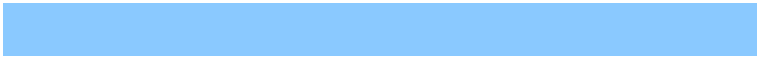
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4352, 43.3677, 74.0032



49.4107, 54.4558, 102.5145



32.1800, 28.8572, 71.5848



12.9196, 13.7789, 16.6308



11.5703, 11.0101, 41.2537



0.8354, 0.8849, 2.7012

Inverse Universe

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



46.5208, 35.8811, 48.1917



60.8495, 43.5766, 60.5745



58.3811, 65.9495, 32.5755



13.3493, 13.1688, 15.1005



19.3355, 9.7352, 11.4127



1.2960, 0.6480, 0.9675

Previews

White Background



This preview shows how the XYZ color 39.4338, 43.3660, 74.0022 looks on a white background.

Color Contrast Check

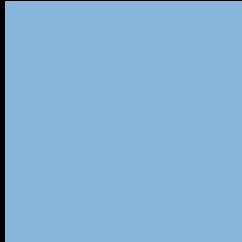
Large Text (above 18pt) WCAG AA × Fail

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 39.4338, 43.3660, 74.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

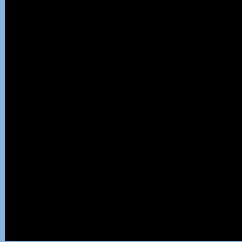
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4338, 43.3660, 74.0022

Background



This preview shows how black text looks on a background with the XYZ color 39.4338, 43.3660, 74.0022.



This preview shows how white text looks on a background with the XYZ color 39.4338, 43.3660,

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

39.4338, 43.3660, 74.0022

Protanopia

43.1277, 43.2854, 70.3718

Deuteranopia

44.0858, 43.1038, 75.1035



Tritanopia

36.8637, 43.5673, 60.4992

Trichromacy



Original Color

39.4338, 43.3660, 74.0022

Protanomaly

41.7641, 43.4226, 71.8258

Deuteranomaly

42.0914, 42.9483, 74.4780

Tritanomaly

37.9187, 43.6915, 65.4663

Monochromacy



Original Color

39.4338, 43.3660, 74.0022

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8134, 41.7050, 54.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4338, 43.3660, 74.0022 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(135, 181, 220)` looks like.

```
.text, #text, p{  
    color:rgb(135, 181, 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(135, 181, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 181, 220) }
```

Border

The CSS property to change the border of an element to XYZ 39.4338, 43.3660, 74.0022 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(135, 181, 220) }
```


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

```
.border{ border-color:rgb(135, 181, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 181, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 181, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 181, 220);  
box-shadow:4px 4px 4px 4px rgb(135, 181,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4338, 43.3660, 74.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 181, 220) }
```

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

```
.background{ background-color: rgb(135,  
181, 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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