

Converting Colors

XYZ(39.2496, 42.0146, 74.4677)

Have a look what the booklet for
XYZ(39.2496, 42.0146, 74.4677)
contains.

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Color

**XYZ(39.2545, 42.0680,
74.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB1DD
RGB	138, 177, 221
RGB Percent	54%, 69%, 87%
CMY	0.4588, 0.3059, 0.1333
CMYK	0.38, 0.20, 0.00, 0.13
HSL	212°, 55%, 70%
HSV	212°, 38%, 87%
XYZ	39.2545, 42.0680, 74.4576
YIQ	170.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

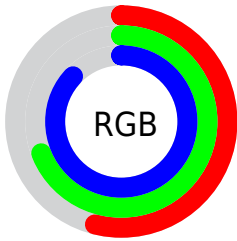
Format	Color
RYB	138, 165, 221
Decimal	9089501
CIELab	70.92, -2.29, -26.34
CIELCh	71, 26.444, 265.024
Yxy	42.0680, 0.2520, 0.2700
Android (android.graphics.Color)	4287279581 (0xFF8AB1DD)
YUV	170.3550, 24.9680, -28.3753
Hunter-Lab	64.8598, -5.4729, -22.6616

Details

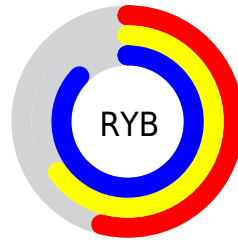
The XYZ color **39.2545, 42.0680, 74.4576** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.1351, 50.6639, 31.1301**, and the grayscale version is **38.2793, 40.2728, 43.8571**.

A 20% lighter version of the original color is **69.4370, 76.9672, 105.8042**, and **17.8727, 19.3052, 38.8607** is the 20% darker color. If you saturate the color by 10%, you get **33.7480, 35.9411, 73.5660**, and if you desaturate by 10%, it is **45.7064, 48.9791, 75.4523**.

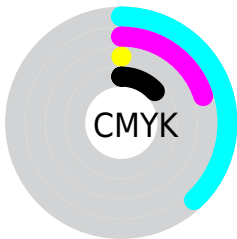
Distribution



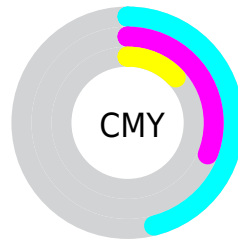
- Red (54%)
- Green (69%)
- Blue (87%)



- Red (54%)
- Yellow (65%)
- Blue (87%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2545, 42.0680, 74.4576 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 39.2545, 42.0680, 74.4576 by changing the saturation by 10% instead.

■ 39.2545, 42.0680,
74.4576

■ 39.2545, 42.0680,
74.4576

334.1599,
354.7647, 495.2568

■ 27.1394, 29.1545,
54.6696

■ 73.3185, 78.3025,
127.2843

■ 17.8151, 19.1978,
38.7404

■ 95.9982, 102.3924,
161.1601

■ 10.9162, 11.8133,
26.2516

■ 122.9300,
130.9765, 200.5689

■ 6.0774, 6.6167,
16.7845

154.4794,
164.4393, 245.9292

■ 2.9333, 3.2235,
9.9206

191.0117,
203.1651, 297.6596

■ 1.1186, 1.2495,
5.2414

232.8924,

■ 0.0406, 0.1016,

247.5383, 356.1787

2.3284

280.4866,
297.9434, 421.9049

■ 0.0000, 0.0000,
0.7471

■ 0.0000, 0.0000,
0.0000

■ 39.2545, 42.0680,
74.4576

■ 39.2545, 42.0680,
74.4576

■ 33.7480, 35.9411,
73.5660

■ 45.7064, 48.9791,
75.4523

■ 29.1323, 30.5600,
72.7706

■ 53.1458, 56.7004,
76.5505

■ 25.3534, 25.8902,
72.0684

■ 61.6174, 65.2627,
77.7567

■ 22.3486, 21.8914,
71.4549

■ 71.1616, 74.6935,
79.0740

■ 20.0454, 18.5178,
70.9251

■ 81.8165, 85.0190,
80.5055

■ 18.3464, 15.7104,
70.4728

■ 87.6427, 93.1834,
81.7743

■ 17.9861, 15.0901,
70.3721

■ 90.0513, 98.0005,
82.5771

Harmonies

Analogous

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



35.3246, 42.0680, 68.6854



39.2545, 42.0680, 74.4576



43.6739, 42.0680, 71.4777

Triad

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



39.2545, 42.0680, 74.4576



48.1576, 42.0680, 36.2943



33.4402, 42.0680, 33.2636

Complementary

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



39.2545, 42.0680, 74.4576



51.1351, 50.6639, 31.1301

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.



36.5087, 42.0680, 27.1587



39.2545, 42.0680, 74.4576



45.0369, 42.0680, 28.6703

Square

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



39.2545, 42.0680, 74.4576



49.0264, 42.0680, 47.9404



40.7232, 42.0680, 25.6457



32.1286, 42.0680, 43.7338

Rectangle

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



39.2545, 42.0680, 74.4576



46.2779, 42.0680, 65.1704



40.7232, 42.0680, 25.6457



34.2889, 42.0680, 30.7147

Sweetspot

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



39.2559, 42.0696, 74.4586



80.9113, 85.9397, 106.9313



44.6673, 60.4485, 52.9681



16.9723, 18.0456, 22.8386



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.



39.2559, 42.0696, 74.4586



48.2370, 51.4764, 102.0013



32.8525, 28.9208, 72.2581



12.8406, 13.6210, 16.6045



10.5597, 8.9889, 40.9169



0.7699, 0.7539, 2.6794

Inverse Universe

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



46.8442, 36.7248, 46.2162



60.4113, 43.9920, 56.4462



59.8441, 68.7046, 34.1533



13.3094, 13.1529, 14.8907



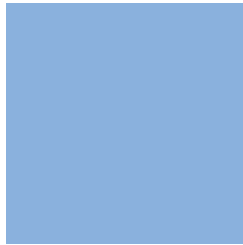
18.8254, 9.5312, 8.7265



1.2629, 0.6348, 0.7934

Previews

White Background



This preview shows how the XYZ color 39.2545, 42.0680, 74.4576 looks on a white background.

Color Contrast Check

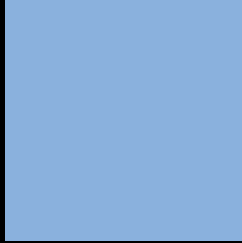
Large Text (above 18pt) WCAG AA × Fail

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 39.2545, 42.0680, 74.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

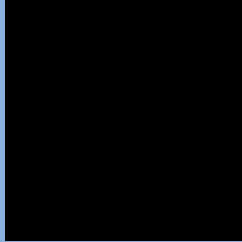
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2545, 42.0680, 74.4576

Background



This preview shows how black text looks on a background with the XYZ color 39.2545, 42.0680, 74.4576.



This preview shows how white text looks on a background with the XYZ color 39.2545, 42.0680,

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

39.2545, 42.0680, 74.4576

Protanopia

41.9876, 41.8170, 71.5041

Deuteranopia

42.8694, 41.9159, 74.9384



Tritanopia

36.0034, 41.9388, 58.4220

Trichromacy



Original Color

39.2545, 42.0680, 74.4576

Protanomaly

40.7353, 41.7214, 72.2357

Deuteranomaly

41.6460, 42.1296, 75.0441

Tritanomaly

37.1722, 42.1186, 63.9281

Monochromacy



Original Color

39.2545, 42.0680, 74.4576

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2294, 40.8304, 54.0103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2545, 42.0680, 74.4576 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(138, 177, 221)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 221)  
}
```

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(138, 177, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 221) }
```

Border

The CSS property to change the border of an element to XYZ 39.2545, 42.0680, 74.4576 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(138, 177, 221) }
```


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

```
.border{ border-color:rgb(138, 177, 221) }
```

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

Here you see how a box with a 4 pixel rgb(138, 177, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 221);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2545, 42.0680, 74.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 221) }
```

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

```
.background{ background-color: rgb(138,  
177, 221) }
```

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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