

Converting Colors

XYZ(40.9314, 40.8834, 74.3147)

Have a look what the booklet for
XYZ(40.9314, 40.8834, 74.3147)
contains.

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Color

**XYZ(40.9434, 40.9385,
74.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAADD
RGB	155, 170, 221
RGB Percent	61%, 67%, 87%
CMY	0.3921, 0.3333, 0.1333
CMYK	0.30, 0.23, 0.00, 0.13
HSL	226°, 49%, 74%
HSV	226°, 30%, 87%
XYZ	40.9434, 40.9385, 74.1506
YIQ	171.3290, -25.3110, 12.6810

Conversions

Conversions Part 2

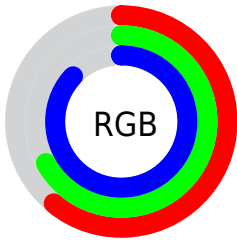
Format	Color
R _{YB}	155, 167, 221
Decimal	10201821
CIE Lab	70.13, 6.36, -27.46
CIE LCh	70, 28.181, 283.033
Yxy	40.9385, 0.2624, 0.2624
Android (android.graphics.Color)	4288391901 (0xFF9BAADD)
YUV	171.3290, 24.4878, -14.3205
Hunter-Lab	63.9832, 2.2531, -23.9234

Details

The XYZ color **40.9434, 40.9385, 74.1506** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.8071, 61.8816, 39.9091**, and the grayscale version is **38.7649, 40.7837, 44.4135**.

A 20% lighter version of the original color is **71.8392, 74.9193, 105.2823**, and **18.8409, 18.5348, 38.6610** is the 20% darker color. If you saturate the color by 10%, you get **34.0880, 32.9576, 72.9722**, and if you desaturate by 10%, it is **48.9936, 50.1545, 75.5059**.

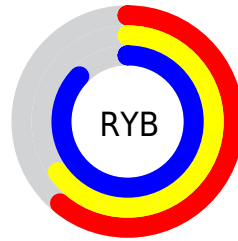
Distribution



Red (61%)

Green (67%)

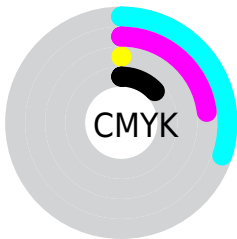
Blue (87%)



Red (61%)

Yellow (65%)

Blue (87%)

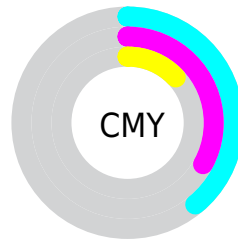


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9434, 40.9385, 74.1506 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 40.9434, 40.9385, 74.1506 by changing the saturation by 10% instead.

■ 40.9434, 40.9385,
74.1506

■ 40.9434, 40.9385,
74.1506

341.1506,
350.0635, 494.1703

■ 28.4623, 28.2710,
54.4198

■ 75.8732, 76.5905,
126.8453

■ 18.8167, 18.5301,
38.5419

■ 99.0527, 100.3439,
160.6462

■ 11.6411, 11.3312,
26.0985

126.5290,
128.5613, 199.9743

■ 6.5703, 6.2901,
16.6709

158.6675,
161.6272, 245.2480

■ 3.2388, 3.0223,
9.8407

195.8336,
199.9260, 296.8859

■ 1.2812, 1.1434,
5.1892

238.3925,

■ 0.1691, 0.0147,

243.8420, 355.3066

2.2980

286.7098,
293.7597, 420.9285

■ 0.0000, 0.0000,
0.7301

■ 0.0000, 0.0000,
0.0000

■ 40.9434, 40.9385,
74.1506

■ 40.9434, 40.9385,
74.1506

■ 34.0880, 32.9576,
72.9722

■ 48.9936, 50.1545,
75.5059

■ 28.3650, 26.1532,
71.9604

■ 58.2886, 60.6510,
77.0420

■ 23.7124, 20.4693,
71.1085

■ 68.8808, 72.4770,
78.7664

■ 20.0604, 15.8429,
70.4080

■ 80.8179, 85.6775,
80.6852

■ 17.3303, 12.2043,
69.8496

■ 90.0513, 98.0005,
82.5771

■ 15.4306, 9.4747,
69.4229

■ 14.2156, 7.5436,
69.1142

■ 14.2018, 7.5216,
69.1106

Harmonies

Analogous

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



36.3819, 40.9385, 73.5193



40.9434, 40.9385, 74.1506



45.2762, 40.9385, 65.8166

Triad

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



40.9434, 40.9385, 74.1506



45.7538, 40.9385, 29.4034



31.0361, 40.9385, 37.5720

Complementary

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



40.9434, 40.9385, 74.1506



57.8071, 61.8816, 39.9091

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.



33.1719, 40.9385, 28.4797



40.9434, 40.9385, 74.1506



41.5543, 40.9385, 24.4420

Square

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



40.9434, 40.9385, 74.1506



48.1975, 40.9385, 39.0938



36.9466, 40.9385, 24.1411



30.9009, 40.9385, 50.5461

Rectangle

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



40.9434, 40.9385, 74.1506



47.3545, 40.9385, 57.1017



36.9466, 40.9385, 24.1411



31.5357, 40.9385, 34.0291

Sweetspot

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



40.9447, 40.9401, 74.1515



81.7063, 85.1069, 106.7286



50.4670, 63.1192, 67.6623



17.0568, 17.7318, 22.7735



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.



40.9447, 40.9401, 74.1515



50.3493, 49.3358, 101.4768



41.9188, 37.5030, 73.4368



12.5776, 13.0949, 16.5168



8.3207, 4.5109, 40.1705



0.6044, 0.4230, 2.6242

Inverse Universe

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



48.7969, 41.7183, 43.5125



63.0313, 50.9889, 51.9031



56.5114, 66.8330, 40.9331



13.1767, 13.0998, 14.1915



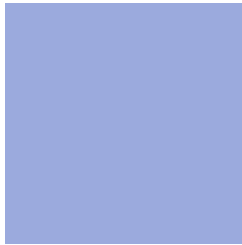
17.6953, 9.0791, 2.7753



1.1794, 0.6014, 0.3536

Previews

White Background



This preview shows how the XYZ color 40.9434, 40.9385, 74.1506 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 40.9434, 40.9385, 74.1506 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 40.9434, 40.9385, 74.1506

Background



This preview shows how black text looks on a background with the XYZ color 40.9434, 40.9385, 74.1506.



This preview shows how white text looks on a background with the XYZ color 40.9434, 40.9385,

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

40.9434, 40.9385, 74.1506

Protanopia

41.2068, 40.8123, 73.4159

Deuteranopia

41.7517, 40.8028, 74.0818



Tritanopia

37.0323, 41.0643, 54.6896

Trichromacy



Original Color

40.9434, 40.9385, 74.1506

Protanomaly

41.0109, 40.7113, 73.4067

Deuteranomaly

41.5372, 40.9673, 74.1249

Tritanomaly

38.4412, 41.0685, 61.1593

Monochromacy



Original Color

40.9434, 40.9385, 74.1506

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2653, 40.7993, 53.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9434, 40.9385, 74.1506 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(155, 170, 221)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 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(155, 170, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 221) }
```

Border

The CSS property to change the border of an element to XYZ 40.9434, 40.9385, 74.1506 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(155, 170, 221) }
```


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

```
.border{ border-color:rgb(155, 170, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 170, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 170, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 170, 221);  
box-shadow:4px 4px 4px 4px rgb(155, 170,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9434, 40.9385, 74.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 221) }
```

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

```
.background{ background-color: rgb(155,  
170, 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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