

Converting Colors

XYZ(43.4024, 40.8403, 98.5239)

Have a look what the booklet for
XYZ(43.4024, 40.8403, 98.5239)
contains.

XYZ(43.4024, 40.8403, 98.5239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4024, 40.8403,
98.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	92A7FD
RGB	146, 167, 253
RGB Percent	57%, 65%, 99%
CMY	0.4274, 0.3451, 0.0078
CMYK	0.42, 0.34, 0.00, 0.01
HSL	228°, 96%, 78%
HSV	228°, 42%, 99%
XYZ	43.4024, 40.8403, 98.5239
YIQ	170.5250, -40.1220, 22.2940

Conversions

Conversions Part 2

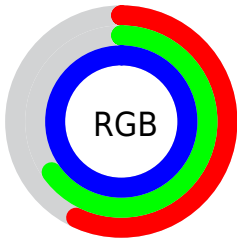
Format	Color
RYB	146, 164, 253
Decimal	9611261
CIELab	70.06, 14.07, -45.06
CIELCh	70, 47.203, 287.336
Yxy	40.8403, 0.2375, 0.2235
Android (android.graphics.Color)	4287801341 (0xFF92A7FD)
YUV	170.5250, 40.6602, -21.5084
Hunter-Lab	63.9064, 9.3930, -46.6723

Details

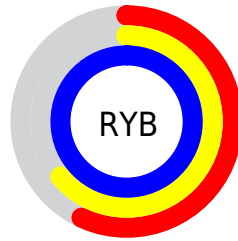
The XYZ color **43.4024, 40.8403, 98.5239** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.5544, 80.6731, 38.8380**, and the grayscale version is **38.2893, 40.2834, 43.8686**.

A 20% lighter version of the original color is **68.7999, 72.1591, 104.9097**, and **20.2144, 18.3708, 54.7051** is the 20% darker color. If you saturate the color by 10%, you get **35.9557, 31.8998, 97.1915**, and if you desaturate by 10%, it is **52.4329, 51.4682, 100.1001**.

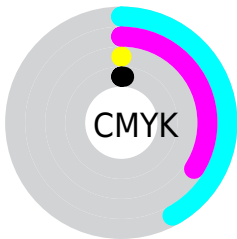
Distribution



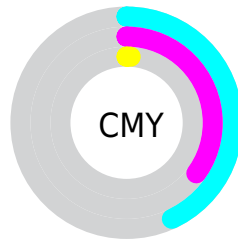
- Red (57%)
- Green (65%)
- Blue (99%)



- Red (57%)
- Yellow (64%)
- Blue (99%)



- Cyan (42%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4024, 40.8403, 98.5239 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 43.4024, 40.8403, 98.5239 by changing the saturation by 10% instead.

■ 43.4024, 40.8403,
98.5239

■ 43.4024, 40.8403,
98.5239

351.1576,
349.6527, 576.6559

■ 30.3969, 28.1943,
74.4584

■ 79.5697, 76.4414,
161.1613

■ 20.2896, 18.4722,
54.6702

■ 103.4621,
100.1653, 200.5703

■ 12.7152, 11.2895,
38.7409

131.7143,
128.3507, 245.9309

■ 7.3084, 6.2619,
26.2520

164.6914,
161.3818, 297.6615

■ 3.7037, 3.0050,
16.7848

202.7590,
199.6432, 356.1808

■ 1.5359, 1.1343,
9.9208

246.2823,

■ 0.3501, 0.0071,

243.5193, 421.9073

5.2416

295.6267,
293.3943, 495.2595

■ 0.0000, 0.0000,
2.3285

■ 0.0000, 0.0000,
0.7471

■ 43.4024, 40.8403,
98.5239

■ 43.4024, 40.8403,
98.5239

■ 35.9557, 31.8998,
97.1915

■ 52.4329, 51.4682,
100.1001

■ 29.9947, 24.5535,
96.0877

■ 63.1285, 63.8612,
101.9285

■ 25.4169, 18.7056,
95.2002

■ 75.5703, 78.0975,
104.0206

■ 22.1043, 14.2473,
94.5142

■ 89.8327, 94.2489,
106.3864

■ 19.9175, 11.0539,
94.0131

94.7298, 99.8719,
107.2137

■ 18.8555, 9.3434,
93.7389

Harmonies

Analogous

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



35.6587, 40.8403, 100.0536



43.4024, 40.8403, 98.5239



50.7650, 40.8403, 79.8734

Triad

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



43.4024, 40.8403, 98.5239



49.7503, 40.8403, 19.9927



26.0807, 40.8403, 35.7983

Complementary

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



43.4024, 40.8403, 98.5239



74.5544, 80.6731, 38.8380

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.



28.9090, 40.8403, 21.4631



43.4024, 40.8403, 98.5239



42.1575, 40.8403, 14.5846

Square

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



43.4024, 40.8403, 98.5239



54.7499, 40.8403, 32.9836



34.5674, 40.8403, 15.0146



26.3212, 40.8403, 58.3500

Rectangle

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



43.4024, 40.8403, 98.5239



54.1595, 40.8403, 62.9065



34.5674, 40.8403, 15.0146



26.6865, 40.8403, 30.0385

Sweetspot

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



43.4039, 40.8418, 98.5249



75.9696, 78.4087, 105.7381



61.4894, 82.1661, 88.6664



15.6346, 16.0689, 22.5275



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.



43.4039, 40.8418, 98.5249



37.4820, 33.5400, 99.1061



46.3932, 37.1283, 97.6506



17.2916, 17.9547, 22.8042



10.1098, 5.1292, 49.8918



1.0561, 0.6428, 4.8817

Inverse Universe

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



57.7633, 44.2321, 42.0538



54.1104, 38.1318, 33.5623



70.1032, 87.6834, 40.4258



18.1551, 18.0453, 19.4337



21.8912, 11.2458, 2.8113



2.1677, 1.1094, 0.4643

Previews

White Background



This preview shows how the XYZ color 43.4024, 40.8403, 98.5239 looks on a white background.

Color Contrast Check

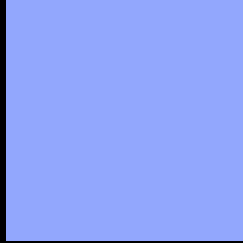
Large Text (above 18pt) WCAG AA × Fail

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 43.4024, 40.8403, 98.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

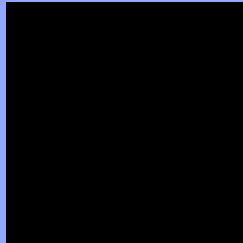
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4024, 40.8403, 98.5239

Background



This preview shows how black text looks on a background with the XYZ color 43.4024, 40.8403, 98.5239.



This preview shows how white text looks on a background with the XYZ color 43.4024, 40.8403,

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

43.4024, 40.8403, 98.5239

Protanopia

43.0474, 40.9118, 99.3939

Deuteranopia

41.9371, 40.9286, 97.7852



Tritanopia

34.9517, 40.8363, 56.4921

Trichromacy



Original Color

43.4024, 40.8403, 98.5239

Protanomaly

43.2197, 41.0007, 99.4019

Deuteranomaly

42.4061, 40.8932, 97.7536

Tritanomaly

37.7491, 40.8005, 70.1757

Monochromacy



Original Color

43.4024, 40.8403, 98.5239

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8176, 40.6479, 61.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4024, 40.8403, 98.5239 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(146, 167, 253)` looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 253)  
}
```

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(146, 167, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 253) }
```

Border

The CSS property to change the border of an element to XYZ 43.4024, 40.8403, 98.5239 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(146, 167, 253) }
```


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

```
.border{ border-color:rgb(146, 167, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 167, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 167, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 167, 253); box-shadow:4px 4px 4px 4px rgb(146, 167, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4024, 40.8403, 98.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 253) }
```

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

```
.background{ background-color: rgb(146,  
167, 253) }
```

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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