

Converting Colors

XYZ(43.7247, 39.8973,
100.0041)

Have a look what the booklet for
XYZ(43.7247, 39.8973, 100.0041)
contains.

XYZ(43.7249, 39.8984, 100.0044)	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(43.7249, 39.8984,
100.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	96A3FF
RGB	150, 163, 255
RGB Percent	59%, 64%, 100%
CMY	0.4117, 0.3608, 0.0000
CMYK	0.41, 0.36, 0.00, 0.00
HSL	233°, 100%, 79%
HSV	233°, 41%, 100%
XYZ	43.7249, 39.8984, 100.0044
YIQ	169.6010, -37.2800, 25.8560

Conversions

Conversions Part 2

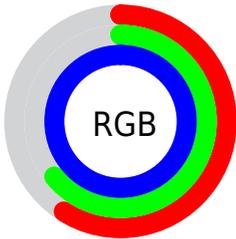
Format	Color
RYB	150, 162, 255
Decimal	9872383
CIELab	69.40, 17.89, -47.17
CIELCh	69, 50.451, 290.770
Yxy	39.8984, 0.2381, 0.2173
Android (android.graphics.Color)	4288062463 (0xFF96A3FF)
YUV	169.6010, 42.1017, -17.1901
Hunter-Lab	63.1652, 13.0242, -49.6535

Details

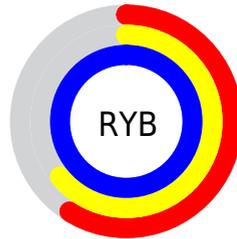
The XYZ color **43.7249, 39.8984, 100.0044** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.4982, 86.9678, 41.5054**, and the grayscale version is **37.8219, 39.7916, 43.3331**.

A 20% lighter version of the original color is **69.1338, 70.7727, 104.6245**, and **20.6033, 18.0452, 55.8232** is the 20% darker color. If you saturate the color by 10%, you get **35.9101, 30.4922, 98.6007**, and if you desaturate by 10%, it is **53.2641, 51.2353, 101.6898**.

Distribution



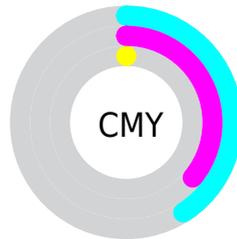
- Red (59%)
- Green (64%)
- Blue (100%)



- Red (59%)
- Yellow (64%)
- Blue (100%)



- Cyan (41%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7249, 39.8984, 100.0044 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 43.7249, 39.8984, 100.0044 by changing the saturation by 10% instead.

■ 43.7249, 39.8984,
100.0044

■ 43.7249, 39.8984,
100.0044

352.4557,
345.6952, 581.4536

■ 30.6513, 27.4593,
75.6873

■ 80.0525, 75.0088,
163.2152

■ 20.4840, 17.9185,
55.6710

■ 104.0373, 98.4489,
202.9459

■ 12.8576, 10.8915,
39.5370

132.3897,
126.3248, 248.6516

■ 7.4069, 5.9939,
26.8667

165.4753,
159.0209, 300.7508

■ 3.7664, 2.8414,
17.2416

203.6593,
196.9216, 359.6621

■ 1.5709, 1.0495,
10.2431

247.3072,

■ 0.3733, 0.0000,

240.4113, 425.8040

5.4527

296.7842,
289.8743, 499.5949

■ 0.0000, 0.0000,
2.4519

■ 0.0000, 0.0000,
0.8145

■ 43.7249, 39.8984,
100.0044

■ 43.7249, 39.8984,
100.0044

■ 35.9101, 30.4922,
98.6007

■ 53.2641, 51.2353,
101.6898

■ 29.7118, 22.9044,
97.4627

■ 64.6188, 64.5985,
103.6707

■ 25.0165, 17.0171,
96.5738

■ 77.8784, 80.0821,
105.9605

■ 21.6933, 12.6967,
95.9151

■ 93.1251, 97.7733,
108.5717

■ 19.5885, 9.7891,
95.4648

95.0500, 100.0000,
108.9000

■ 18.5549, 8.2299,
95.2183

Harmonies

Analogous

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



35.4757, 39.8984, 104.1110



43.7249, 39.8984, 100.0044



51.3286, 39.8984, 78.2482

Triad

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



43.7249, 39.8984, 100.0044



48.6634, 39.8984, 17.2196



24.5194, 39.8984, 36.6660

Complementary

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



43.7249, 39.8984, 100.0044



78.4982, 86.9678, 41.5054

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.



27.0806, 39.8984, 20.8779



43.7249, 39.8984, 100.0044



40.4788, 39.8984, 12.5910

Square

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



43.7249, 39.8984, 100.0044



54.4503, 39.8984, 29.4527



32.6571, 39.8984, 13.6364



25.1311, 39.8984, 61.2810

Rectangle

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



43.7249, 39.8984, 100.0044



54.6329, 39.8984, 59.8735



32.6571, 39.8984, 13.6364



25.0224, 39.8984, 30.3316

Sweetspot

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



43.7262, 39.8998, 100.0046



76.7098, 78.7216, 105.7595



64.2159, 84.3554, 96.1173



16.0291, 16.3954, 22.5697



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.



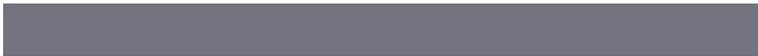
43.7262, 39.8998, 100.0046



37.4683, 32.3793, 98.8828



49.8203, 39.7896, 99.6621



17.1842, 17.7399, 22.7684



9.7515, 4.4126, 49.7723



1.0040, 0.5386, 4.8643

Inverse Universe

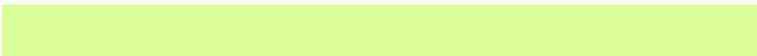
The Inverse Universe completely reimagines the original color for something new.



58.7582, 45.7187, 40.3792



54.3802, 39.2989, 31.7173



69.7328, 88.3976, 42.2434



18.1008, 18.0237, 19.1482



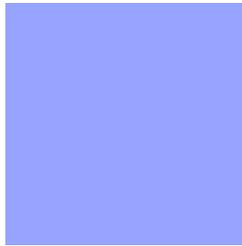
21.7103, 11.1734, 1.8590



2.1414, 1.0989, 0.3259

Previews

White Background



This preview shows how the XYZ color 43.7249, 39.8984, 100.0044 looks on a white background.

Color Contrast Check

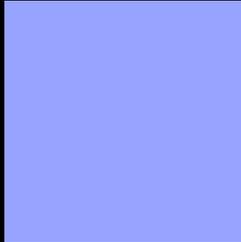
Large Text (above 18pt) WCAG AA × Fail

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 43.7249, 39.8984, 100.0044 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 43.7249, 39.8984, 100.0044

Background



This preview shows how black text looks on a background with the XYZ color 43.7249, 39.8984, 100.0044.



This preview shows how white text looks on a background with the XYZ color 43.7249, 39.8984,

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

43.7249, 39.8984, 100.0044

Protanopia

42.1675, 39.8957, 100.0859

Deuteranopia

41.0979, 39.9068, 99.3026



Tritanopia

34.6511, 39.8367, 54.5781

Trichromacy



Original Color

43.7249, 39.8984, 100.0044

Protanomaly

42.6605, 39.8811, 100.0571

Deuteranomaly

41.8421, 39.7466, 99.2325

Tritanomaly

37.5157, 39.5563, 69.2762

Monochromacy



Original Color

43.7249, 39.8984, 100.0044

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4656, 39.6410, 60.8298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7249, 39.8984, 100.0044 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(150, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 163, 255)  
}
```

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(150, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.7249, 39.8984, 100.0044 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(150, 163, 255) }
```


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

```
.border{ border-color:rgb(150, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7249, 39.8984, 100.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 163, 255) }
```

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

```
.background{ background-color: rgb(150,  
163, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor