

Converting Colors

XYZ(35.4164, 43.1533, 97.1377)

Have a look what the booklet for
XYZ(35.4164, 43.1533, 97.1377)
contains.

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Color

**XYZ(35.4529, 43.2973,
96.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDFA
RGB	0, 189, 250
RGB Percent	0%, 74%, 98%
CMY	0.9997, 0.2588, 0.0196
CMYK	1.00, 0.24, 0.00, 0.02
HSL	195°, 100%, 49%
HSV	195°, 100%, 98%
XYZ	35.4529, 43.2973, 96.9311
YIQ	139.4430, -132.2250, -21.0970

Conversions

Conversions Part 2

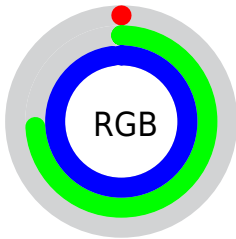
Format	Color
RYB	0, 108, 250
Decimal	48634
CIELab	71.76, -18.34, -41.09
CIELCh	72, 44.999, 245.950
Yxy	43.2973, 0.2018, 0.2465
Android (android.graphics.Color)	4278238714 (0xFF00BDFA)
YUV	139.4430, 54.5046, -122.2915
Hunter-Lab	65.8007, -18.9768, -41.2797

Details

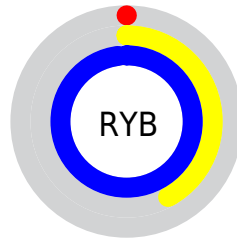
The XYZ color **35.4529, 43.2973, 96.9311** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **41.0977, 23.6695, 2.4047**, and the grayscale version is **24.5531, 25.8317, 28.1308**.

A 20% lighter version of the original color is **57.3845, 75.9696, 106.2469**, and **18.4298, 21.4586, 53.6226** is the 20% darker color. If you saturate the color by 10%, you get **35.4497, 43.2906, 96.9309**, and if you desaturate by 10%, it is **37.1966, 46.1865, 97.3978**.

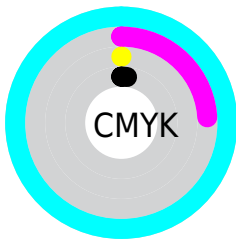
Distribution



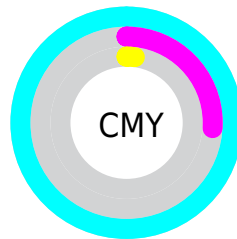
- Red (0%)
- Green (74%)
- Blue (98%)



- Red (0%)
- Yellow (42%)
- Blue (98%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4529, 43.2973, 96.9311 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 35.4529, 43.2973, 96.9311 by changing the saturation by 10% instead.

■ 35.4529, 43.2973,
96.9311

■ 35.4529, 43.2973,
96.9311

318.0360,
359.8330, 571.4704

■ 24.1801, 30.1185,
73.1375

■ 67.5162, 80.1593,
158.9483

■ 15.5927, 19.9285,
53.5959

■ 89.0374, 104.6112,
198.0089

■ 9.3254, 12.3431,
37.8877

■ 114.7055,
133.5897, 242.9957

■ 5.0129, 6.9778,
25.5944

■ 144.8858,
167.4790, 294.3272

■ 2.2896, 3.4482,
16.2974

■ 179.9436,
206.6636, 352.4218

■ 0.7894, 1.3700,
9.5782

220.2443,

■ 0.0000, 0.1944,

251.5279, 417.6982

5.0183

266.1534,
302.4562, 490.5749

■ 0.0000, 0.0000,
2.1991

■ 0.0000, 0.0000,
0.6738

■ 35.4529, 43.2973,
96.9311

■ 35.4529, 43.2973,
96.9311

■ 35.4497, 43.2906,
96.9309

■ 37.1966, 46.1865,
97.3978

■ 39.5091, 49.4513,
97.9061

■ 42.5502, 53.1756,
98.4646

■ 46.4163, 57.4101,
99.0782

■ 51.1886, 62.1975,
99.7507

■ 56.9377, 67.5752,
100.4857

■ 63.7273, 73.5769,
101.2863

■ 71.6154, 80.2334,
102.1554

■ 80.6556, 87.5731,
103.0956

Harmonies

Analogous

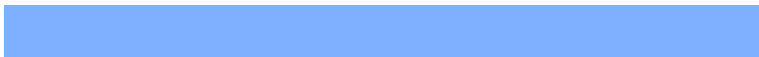
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.3715, 43.2973, 76.4002



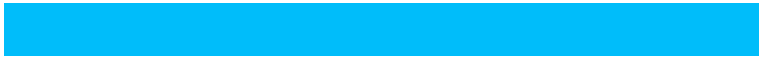
35.4529, 43.2973, 96.9311



42.6942, 43.2973, 102.5748

Triad

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



35.4529, 43.2973, 96.9311



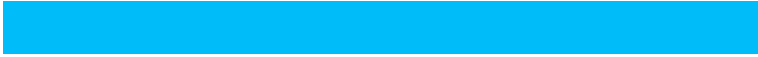
57.5573, 43.2973, 42.9160



33.1185, 43.2973, 20.6328

Complementary

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



35.4529, 43.2973, 96.9311



41.0977, 23.6695, 2.4047

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.



39.6489, 43.2973, 16.4626



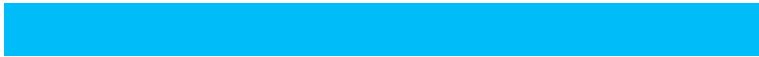
35.4529, 43.2973, 96.9311



54.2241, 43.2973, 26.5099

Square

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



35.4529, 43.2973, 96.9311



56.0747, 43.2973, 66.4466



47.4330, 43.2973, 18.2199



29.1450, 43.2973, 31.9954

Rectangle

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



35.4529, 43.2973, 96.9311



47.9201, 43.2973, 95.9808



47.4330, 43.2973, 18.2199



35.0546, 43.2973, 18.5346

Sweetspot

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



35.4544, 43.2988, 96.9322



66.6153, 76.9247, 105.9447



34.9605, 68.6818, 15.4694



13.5882, 15.8808, 22.5991



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.



35.4544, 43.2988, 96.9322



37.0677, 45.2553, 101.3892



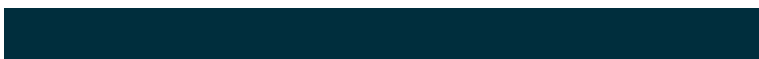
19.2470, 10.8838, 91.5297



17.3859, 18.8487, 22.1071



18.9220, 23.1995, 51.4542



1.8350, 2.3137, 4.7930

Inverse Universe

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



48.6110, 24.0000, 50.2157



50.8392, 25.0997, 52.4789



56.4316, 54.3374, 7.5160



17.8013, 17.4479, 20.8096



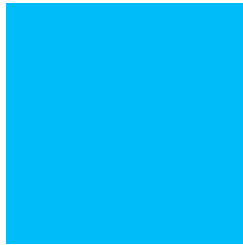
25.8430, 12.7529, 26.9452



2.4352, 1.1978, 2.7149

Previews

White Background



This preview shows how the XYZ color 35.4529, 43.2973, 96.9311 looks on a white background.

Color Contrast Check

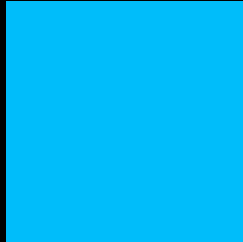
Large Text (above 18pt) WCAG AA × Fail

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 35.4529, 43.2973, 96.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

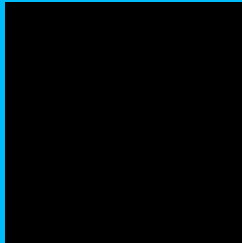
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4529, 43.2973, 96.9311

Background



This preview shows how black text looks on a background with the XYZ color 35.4529, 43.2973, 96.9311.



This preview shows how white text looks on a background with the XYZ color 35.4529, 43.2973,

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

35.4529, 43.2973, 96.9311

Protanopia

43.7489, 42.6874, 86.0544

Deuteranopia

43.9883, 42.7937, 99.7075



Tritanopia

30.8004, 43.1870, 67.0342

Trichromacy



Original Color

35.4529, 43.2973, 96.9311

Protanomaly

37.0930, 40.9042, 89.9447

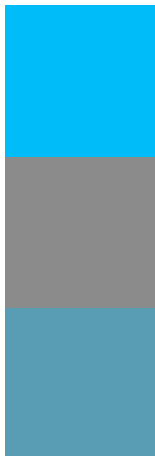
Deuteranomaly

38.0662, 41.5057, 98.9336

Tritanomaly

32.3042, 43.0811, 77.1339

Monochromacy



Original Color

35.4529, 43.2973, 96.9311

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2182, 29.4433, 47.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4529, 43.2973, 96.9311 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(0, 189, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 250)  
}
```

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(0, 189, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 250) }
```

Border

The CSS property to change the border of an element to XYZ 35.4529, 43.2973, 96.9311 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(0, 189, 250) }
```


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

```
.border{ border-color:rgb(0, 189, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4529, 43.2973, 96.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 250) }
```

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

```
.background{ background-color: rgb(0, 189,  
250) }
```

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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