

Converting Colors

XYZ(43.1869, 60.0524, 95.5413)

Have a look what the booklet for
XYZ(43.1869, 60.0524, 95.5413)
contains.

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Color

**XYZ(43.1371, 59.9039,
95.6752)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0F5
RGB	0, 224, 245
RGB Percent	0%, 88%, 96%
CMY	0.9997, 0.1216, 0.0392
CMYK	1.00, 0.09, 0.00, 0.04
HSL	185°, 100%, 48%
HSV	185°, 100%, 96%
XYZ	43.1371, 59.9039, 95.6752
YIQ	159.4180, -140.2450, -40.9570

Conversions

Conversions Part 2

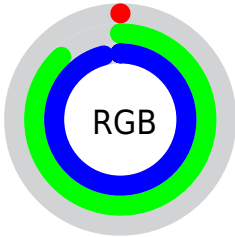
Format	Color
RYB	0, 117, 245
Decimal	57589
CIELab	81.79, -37.25, -22.97
CIELCh	82, 43.758, 211.657
Yxy	59.9039, 0.2171, 0.3015
Android (android.graphics.Color)	4278247669 (0xFF00E0F5)
YUV	159.4180, 42.1919, -139.8096
Hunter-Lab	77.3976, -35.9599, -19.1131

Details

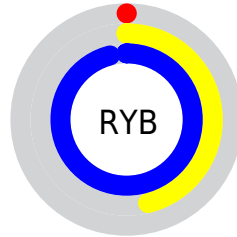
The XYZ color **43.1371, 59.9039, 95.6752** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **37.9265, 19.9518, 1.8542**, and the grayscale version is **33.0152, 34.7345, 37.8259**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.1879, 31.6794, 53.0367** is the 20% darker color. If you saturate the color by 10%, you get **43.1365, 59.9023, 95.6761**, and if you desaturate by 10%, it is **44.0966, 61.2429, 95.8842**.

Distribution



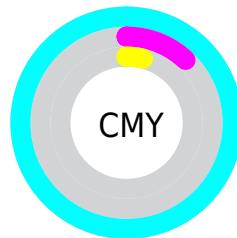
- Red (0%)
- Green (88%)
- Blue (96%)



- Red (0%)
- Yellow (46%)
- Blue (96%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)





- Cyan (100%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1371, 59.9039, 95.6752 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 43.1371, 59.9039, 95.6752 by changing the saturation by 10% instead.


 43.1371, 59.9039,
95.6752


 43.1371, 59.9039,
95.6752


350.0873,
424.2435, 567.3638


 30.1877, 43.3412,
72.0971


 79.1721, 104.6903,
157.2007

 20.1299, 30.1529,
52.7507


 102.9885,
133.6827, 195.9851


 12.5983, 19.9547,
37.2174

 131.1578,
167.5871, 240.6754

 7.2276, 12.3621,
25.0788

 164.0455,
206.7880, 291.6901

 3.6524, 6.9908,
15.9162

 202.0170,
251.6696, 349.4478

 1.5075, 3.4563,
9.3112

245.4375,

 0.3309, 1.3744,

302.6165, 414.3669

4.8451

294.6725,
360.0130, 486.8661

■ 0.0000, 0.1977,
2.0995

■ 0.0000, 0.0000,
0.6155

■ 43.1371, 59.9039,
95.6752

■ 43.1371, 59.9039,
95.6752

■ 43.1365, 59.9023,
95.6761

■ 44.0966, 61.2429,
95.8842

■ 45.5512, 62.8465,
96.1171

■ 47.6544, 64.7947,
96.3823

■ 50.4971, 67.1347,
96.6841

■ 54.1558, 69.9058,
97.0262

■ 58.6973, 73.1426,
97.4116

■ 64.1816, 76.8760,
97.8431

■ 70.6634, 81.1342,
98.3234

■ 78.1931, 85.9433,
98.8548

Harmonies

Analogous

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



40.9871, 59.9039, 66.7051



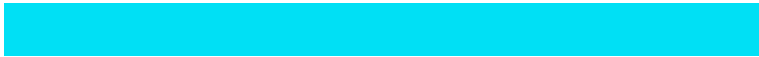
43.1371, 59.9039, 95.6752



48.9264, 59.9039, 120.9108

Triad

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



43.1371, 59.9039, 95.6752



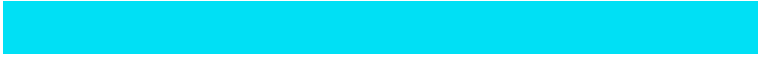
74.0136, 59.9039, 92.4282



56.4255, 59.9039, 26.4916

Complementary

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



43.1371, 59.9039, 95.6752



37.9265, 19.9518, 1.8542

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.



65.7772, 59.9039, 29.9601



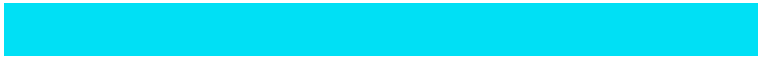
43.1371, 59.9039, 95.6752



76.5655, 59.9039, 63.7673

Square

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



43.1371, 59.9039, 95.6752



66.7601, 59.9039, 118.7078



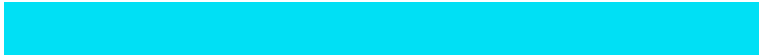
73.4044, 59.9039, 42.0367



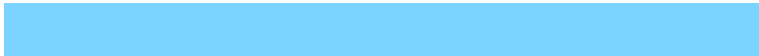
48.1278, 59.9039, 30.8431

Rectangle

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



43.1371, 59.9039, 95.6752



54.4025, 59.9039, 129.4817



73.4044, 59.9039, 42.0367



59.5487, 59.9039, 26.7757

Sweetspot

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



43.1390, 59.9061, 95.6767



70.2284, 84.1509, 107.1491



32.7843, 65.3583, 11.5721



14.4617, 17.6278, 22.8902



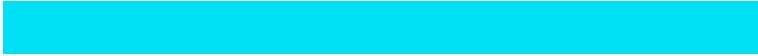
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.1390, 59.9061, 95.6767



47.2281, 65.5762, 104.7760



21.2462, 16.1205, 88.3791



16.8681, 18.5005, 21.2245



23.2894, 32.3727, 51.5591



2.0820, 2.9154, 4.5432

Inverse Universe

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



51.1124, 24.7963, 72.6154



55.9678, 27.1511, 79.4853



47.4716, 39.0419, 5.0359



17.1487, 16.7424, 20.5299



27.5600, 13.3674, 39.2526



2.4400, 1.1819, 3.5432

Previews

White Background



This preview shows how the XYZ color 43.1371, 59.9039, 95.6752 looks on a white background.

Color Contrast Check

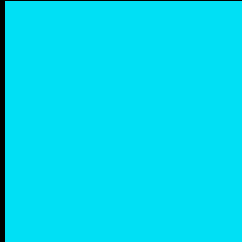
Large Text (above 18pt) WCAG AA × Fail

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 43.1371, 59.9039, 95.6752 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 43.1371, 59.9039, 95.6752

Background



This preview shows how black text looks on a background with the XYZ color 43.1371, 59.9039, 95.6752.



This preview shows how white text looks on a background with the XYZ color 43.1371, 59.9039,

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

43.1371, 59.9039, 95.6752

Protanopia

57.8231, 58.8360, 82.4376

Deuteranopia

60.3716, 59.0890, 99.4902



Tritanopia

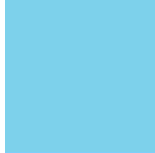
42.6827, 59.7221, 93.2823

Trichromacy



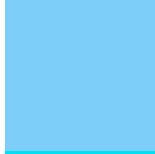
Original Color

43.1371, 59.9039, 95.6752



Protanomaly

46.2533, 55.9591, 86.9606



Deuteranomaly

47.8692, 55.8252, 97.8749



Tritanomaly

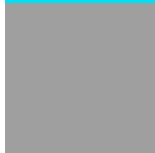
42.8333, 59.7824, 94.0756

Monochromacy



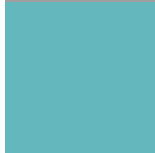
Original Color

43.1371, 59.9039, 95.6752



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

31.5946, 40.3514, 54.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1371, 59.9039, 95.6752 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, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 245)  
}
```

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, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.1371, 59.9039, 95.6752 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, 224, 245) }
```


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

```
.border{ border-color:rgb(0, 224, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1371, 59.9039, 95.6752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 245) }
```

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

```
.background{ background-color: rgb(0, 224,  
245) }
```

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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