

Converting Colors

XYZ(25.4628, 50.0529, 99.3838)

Have a look what the booklet for
XYZ(25.4628, 50.0529, 99.3838)
contains.

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Color

**XYZ(43.5339, 59.2076,
100.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	00DEFB
RGB	0, 222, 251
RGB Percent	0%, 87%, 98%
CMY	0.9997, 0.1294, 0.0157
CMYK	1.00, 0.12, 0.00, 0.02
HSL	187°, 100%, 49%
HSV	187°, 100%, 98%
XYZ	43.5339, 59.2076, 100.4005
YIQ	158.9280, -141.6210, -38.0450

Conversions

Conversions Part 2

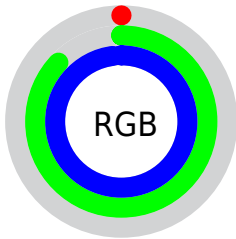
Format	Color
RYB	0, 118, 251
Decimal	57083
CIELab	81.41, -34.43, -26.72
CIELCh	81, 43.587, 217.817
Yxy	59.2076, 0.2143, 0.2915
Android (android.graphics.Color)	4278247163 (0xFF00DEFB)
YUV	158.9280, 45.3915, -139.3799
Hunter-Lab	76.9465, -33.6666, -23.4996

Details

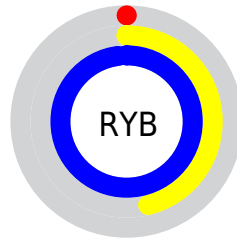
The XYZ color **43.5339, 59.2076, 100.4005** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **40.2258, 21.3921, 2.0112**, and the grayscale version is **32.7785, 34.4856, 37.5548**.

A 20% lighter version of the original color is **61.0125, 82.4530, 107.3071**, and **23.3738, 31.1675, 55.8229** is the 20% darker color. If you saturate the color by 10%, you get **43.5325, 59.2045, 100.4011**, and if you desaturate by 10%, it is **44.7173, 60.9724, 100.6799**.

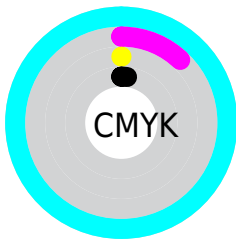
Distribution



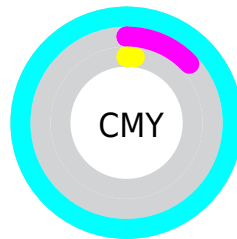
- Red (0%)
- Green (87%)
- Blue (98%)



- Red (0%)
- Yellow (46%)
- Blue (98%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5339, 59.2076, 100.4005 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 43.5339, 59.2076, 100.4005 by changing the saturation by 10% instead.

43.5339, 59.2076,
100.4005

43.5339, 59.2076,
100.4005

351.6873,
421.6708, 582.7336

30.5006, 42.7803,
76.0163

79.7666, 103.6793,
163.7641

20.3688, 29.7127,
55.9391

103.6967,
132.4925, 203.5806

12.7732, 19.6207,
39.7505

131.9898,
166.2031, 249.3783

7.3485, 12.1196,
27.0317

165.0112,
205.1955, 301.5758

3.7293, 6.8252,
17.3644

203.1263,
249.8540, 360.5915

1.5501, 3.3530,
10.3299

246.7004,

0.3596, 1.3187,

300.5632, 426.8440

5.5098

296.0990,
357.7073, 500.7518

■ 0.0000, 0.1556,
2.4855

■ 0.0000, 0.0000,
0.8324

■ 43.5339, 59.2076,
100.4005

■ 43.5339, 59.2076,
100.4005

■ 43.5325, 59.2045,
100.4011

■ 44.7173, 60.9724,
100.6799

■ 46.4315, 63.0295,
100.9866

■ 48.8375, 65.4631,
101.3296

■ 52.0321, 68.3232,
101.7132

■ 56.0964, 71.6518,
102.1415

■ 61.1015, 75.4855,
102.6177

■ 67.1111, 79.8572,
103.1448

■ 74.1831, 84.7970,
103.7255

■ 82.3712, 90.3326,
104.3624

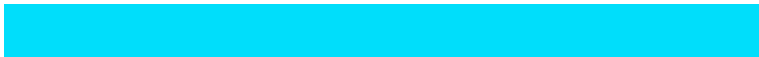
Harmonies

Analogous

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



40.6360, 59.2076, 71.5374



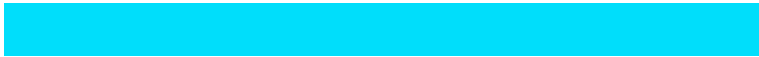
43.5339, 59.2076, 100.4005



49.9135, 59.2076, 123.0115

Triad

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



43.5339, 59.2076, 100.4005



74.1144, 59.2076, 85.3371



53.9249, 59.2076, 26.4291

Complementary

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



43.5339, 59.2076, 100.4005



40.2258, 21.3921, 2.0112

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.



63.1554, 59.2076, 28.2630



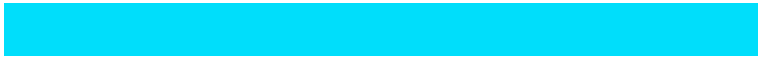
43.5339, 59.2076, 100.4005



75.4859, 59.2076, 57.8785

Square

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



43.5339, 59.2076, 100.4005



67.7198, 59.2076, 112.8054



71.2872, 59.2076, 38.3285



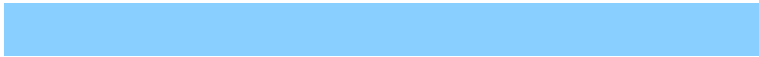
46.1984, 59.2076, 32.3886

Rectangle

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



43.5339, 59.2076, 100.4005



55.6099, 59.2076, 128.7585



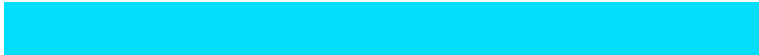
71.2872, 59.2076, 38.3285



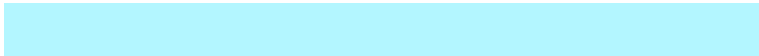
56.9454, 59.2076, 26.1926

Sweetspot

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



43.5358, 59.2097, 100.4020



69.5292, 82.7526, 106.9160



34.6759, 69.0666, 12.4329



14.2920, 17.2885, 22.8337



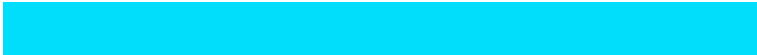
0.0000, 0.0000, 0.0000



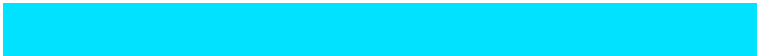
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5358, 59.2097, 100.4020



45.1189, 61.3577, 104.0730



22.0139, 16.1659, 93.2280



17.5845, 19.2458, 22.1733



22.9518, 31.2592, 52.7975



2.1728, 2.9893, 4.9056

Inverse Universe

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



52.9702, 25.7852, 71.2945



54.9031, 26.7252, 73.8790



50.7920, 42.5245, 5.5332



17.9016, 17.4880, 21.3374



27.8770, 13.5665, 37.6565



2.6057, 1.2660, 3.6128

Previews

White Background



This preview shows how the XYZ color 43.5339, 59.2076, 100.4005 looks on a white background.

Color Contrast Check

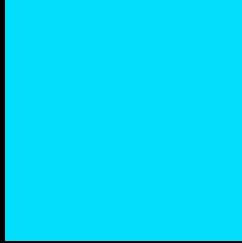
Large Text (above 18pt) WCAG AA × Fail

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 43.5339, 59.2076, 100.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

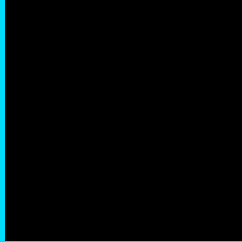
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5339, 59.2076, 100.4005

Background



This preview shows how black text looks on a background with the XYZ color 43.5339, 59.2076, 100.4005.

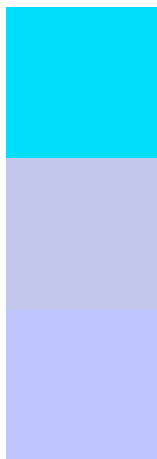


This preview shows how white text looks on a background with the XYZ color 43.5339, 59.2076,

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

43.5339, 59.2076, 100.4005

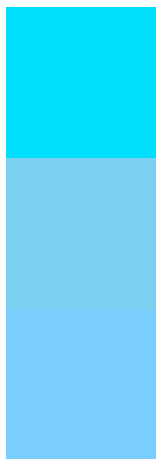
Protanopia

57.6670, 58.3143, 86.8137

Deuteranopia

59.5021, 58.2289, 102.7109

Trichromacy



Original Color

43.5339, 59.2076, 100.4005

Protanomaly

46.3584, 55.1875, 91.4280

Deuteranomaly

47.9867, 55.4359, 101.9370

Monochromacy



Original Color

43.5339, 59.2076, 100.4005

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6092, 40.0284, 55.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5339, 59.2076, 100.4005 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, 222, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 251)  
}
```

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, 222, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 251) }
```

Border

The CSS property to change the border of an element to XYZ 43.5339, 59.2076, 100.4005 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, 222, 251) }
```

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

```
.border{ border-color:rgb(0, 222, 251) }
```

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

Here you see how a box with a 4 pixel rgb(0, 222, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 222,  
251) }
```


Background

The CSS property to change the background color of an element to XYZ 43.5339, 59.2076, 100.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 251) }
```

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

```
.background{ background-color: rgb(0, 222,  
251) }
```

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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