

Converting Colors

XYZ(51.2605, 75.8300,
103.0892)

Have a look what the booklet for
XYZ(51.2605, 75.8300, 103.0892)
contains.

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Color

**XYZ(51.9098, 75.9594,
103.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	00FBFB
RGB	0, 251, 251
RGB Percent	0%, 98%, 98%
CMY	0.9997, 0.0157, 0.0157
CMYK	1.00, 0.00, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	51.9098, 75.9594, 103.1925
YIQ	175.9510, -149.5960, -53.2120

Conversions

Conversions Part 2

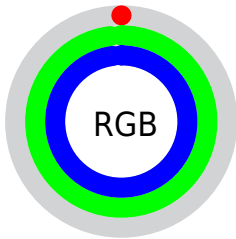
Format	Color
RYB	0, 126, 251
Decimal	64507
CIELab	89.84, -47.51, -13.97
CIELCh	90, 49.518, 196.386
Yxy	75.9594, 0.2247, 0.3287
Android (android.graphics.Color)	4278254587 (0xFF00FBFB)
YUV	175.9510, 36.9992, -154.3090
Hunter-Lab	87.1547, -46.2052, -9.1920

Details

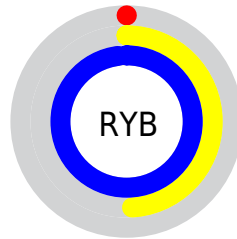
The XYZ color **51.9098, 75.9594, 103.1925** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **39.7862, 20.5117, 1.8644**, and the grayscale version is **41.1233, 43.2649, 47.1155**.

A 20% lighter version of the original color is **61.5557, 82.7331, 107.3325**, and **29.1421, 42.5237, 58.3017** is the 20% darker color. If you saturate the color by 10%, you get **51.9111, 75.9617, 103.1943**, and if you desaturate by 10%, it is **52.3165, 76.1707, 103.2134**.

Distribution



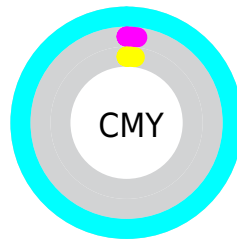
- Red (0%)
- Green (98%)
- Blue (98%)



- Red (0%)
- Yellow (49%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9098, 75.9594, 103.1925 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 51.9098, 75.9594, 103.1925 by changing the saturation by 10% instead.


 51.9098, 75.9594,
103.1925


 51.9098, 75.9594,
103.1925


384.4180,
481.2087, 591.7142


 37.1572, 56.3992,
78.3377


 92.1732, 127.6695,
167.6275


 25.5034, 40.5231,
57.8333


 118.4147,
160.5882, 208.0449

 16.5833, 27.9466,
41.2609


 149.2165,
198.7286, 254.4868

 10.0313, 18.2854,
28.2017

 184.9440,
242.4750, 307.3719

 5.4821, 11.1551,
18.2374

225.9626,
292.2118, 367.1186

 2.5705, 6.1713,
10.9494

272.6375,

 0.9309, 2.9495,

348.3234, 434.1455

5.9191

325.3342,
411.1943, 508.8712

■ 0.0000, 1.1054,
2.7279

■ 0.0000, 0.0000,
0.9574

■ 51.9098, 75.9594,
103.1925

■ 51.9098, 75.9594,
103.1925

■ 51.9111, 75.9617,
103.1943

■ 52.3165, 76.1707,
103.2134

■ 53.2403, 76.6469,
103.2568

■ 54.8425, 77.4729,
103.3319

■ 57.2198, 78.6984,
103.4433

■ 60.4534, 80.3654,
103.5948

■ 64.6143, 82.5104,
103.7897

■ 69.7660, 85.1662,
104.0309

■ 75.9664, 88.3626,
104.3213

■ 83.2691, 92.1273,
104.6632

Harmonies

Analogous

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



51.6739, 75.9594, 67.8500



51.9098, 75.9594, 103.1925



57.1644, 75.9594, 141.6579

Triad

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



51.9098, 75.9594, 103.1925



90.5908, 75.9594, 138.3856



77.8732, 75.9594, 33.0102

Complementary

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



51.9098, 75.9594, 103.1925



39.7862, 20.5117, 1.8644

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.



89.6582, 75.9594, 42.9099



51.9098, 75.9594, 103.1925



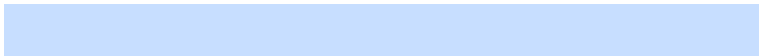
97.5412, 75.9594, 99.5881

Square

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



51.9098, 75.9594, 103.1925



79.0346, 75.9594, 165.5767



97.1818, 75.9594, 65.1294



65.7658, 75.9594, 33.4694

Rectangle

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



51.9098, 75.9594, 103.1925



63.1835, 75.9594, 161.0084



97.1818, 75.9594, 65.1294



82.0296, 75.9594, 35.0828

Sweetspot

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



51.9121, 75.9622, 103.1943



72.2850, 88.2642, 107.8341



34.5520, 69.0242, 11.5041



14.9625, 18.6295, 23.0571



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.



51.9121, 75.9622, 103.1943



53.8097, 78.7399, 106.9684



25.3598, 22.8572, 94.3450



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2414



2.5271, 3.6980, 5.0237

Inverse Universe

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



39.7862, 20.5117, 1.8644



41.2400, 21.2600, 1.9301



46.6663, 34.2720, 4.1578



17.2447, 17.2252, 17.8783



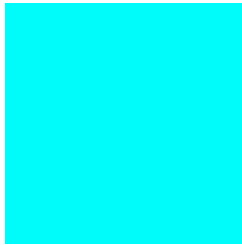
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 51.9098, 75.9594, 103.1925 looks on a white background.

Color Contrast Check

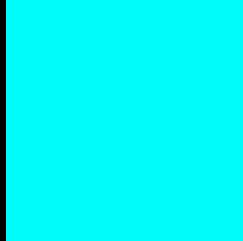
Large Text (above 18pt) WCAG AA × Fail

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 51.9098, 75.9594, 103.1925 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

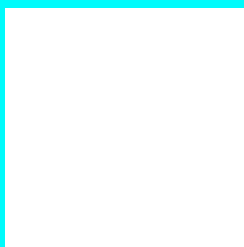
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9098, 75.9594, 103.1925

Background



This preview shows how black text looks on a background with the XYZ color 51.9098, 75.9594, 103.1925.

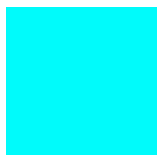


This preview shows how white text looks on a background with the XYZ color 51.9098, 75.9594,

Color Blindness Simulation

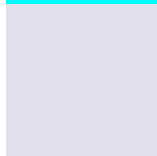
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



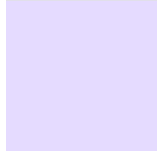
Original Color

51.9098, 75.9594, 103.1925



Protanopia

72.2903, 74.7234, 88.4549



Deuteranopia

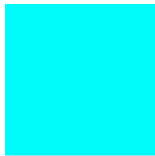
75.6946, 74.5410, 105.0061



Tritanopia

59.9865, 75.5339, 106.0256

Trichromacy



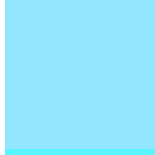
Original Color

51.9098, 75.9594, 103.1925



Protanomaly

56.1948, 70.4087, 93.0665



Deuteranomaly

58.3194, 70.4186, 104.2843



Tritanomaly

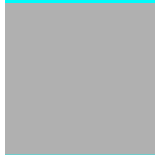
54.5663, 74.5353, 105.2767

Monochromacy



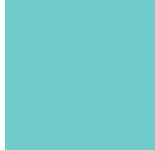
Original Color

51.9098, 75.9594, 103.1925



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.8175, 50.4684, 64.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9098, 75.9594, 103.1925 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, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 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, 251, 251) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 51.9098, 75.9594, 103.1925 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, 251, 251) }
```


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

```
.border{ border-color:rgb(0, 251, 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, 251, 251)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 51.9098, 75.9594, 103.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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