

Converting Colors

XYZ(51.9025, 74.8732,
104.1875)

Have a look what the booklet for
XYZ(51.9025, 74.8732, 104.1875)
contains.

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Color

**XYZ(51.9253, 75.0265,
103.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	1CF9FC
RGB	28, 249, 252
RGB Percent	11%, 98%, 99%
CMY	0.8901, 0.0235, 0.0118
CMYK	0.89, 0.01, 0.00, 0.01
HSL	181°, 97%, 55%
HSV	181°, 89%, 99%
XYZ	51.9253, 75.0265, 103.8403
YIQ	183.2630, -132.6790, -45.9190

Conversions

Conversions Part 2

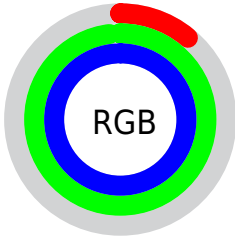
Format	Color
R _Y B	28, 139, 252
Decimal	1899004
CIE Lab	89.41, -45.59, -15.13
CIE LCh	89, 48.036, 198.359
Yxy	75.0265, 0.2250, 0.3251
Android (android.graphics.Color)	4280089084 (0xFF1CF9FC)
YUV	183.2630, 33.8873, -136.1657
Hunter-Lab	86.6178, -44.5748, -10.4463

Details

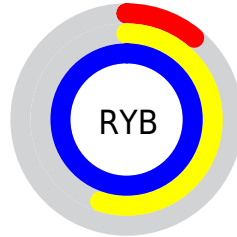
The XYZ color **51.9253, 75.0265, 103.8403** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **40.8464, 21.7615, 3.1484**, and the grayscale version is **45.0328, 47.3780, 51.5946**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **28.7000, 41.6394, 58.1543** is the 20% darker color. If you saturate the color by 10%, you get **51.3790, 74.5918, 103.7866**, and if you desaturate by 10%, it is **53.0327, 75.7539, 103.9237**.

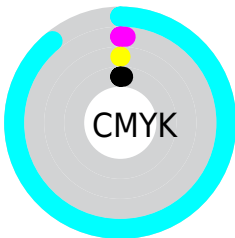
Distribution



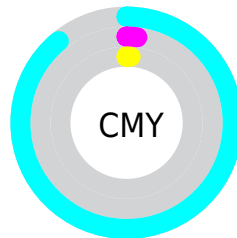
- Red (11%)
- Green (98%)
- Blue (99%)



- Red (11%)
- Yellow (55%)
- Blue (99%)



- Cyan (89%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (89%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9253, 75.0265, 103.8403 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 51.9253, 75.0265, 103.8403 by changing the saturation by 10% instead.


 51.9253, 75.0265,
103.8403


 51.9253, 75.0265,
103.8403


384.4769,
478.0086, 593.7876


 37.1696, 55.6346,
78.8769


 92.1959, 126.3499,
168.5224

 25.5131, 39.9100,
58.2739


 118.4416,
159.0501, 209.0783

 16.5905, 27.4684,
41.6127


 149.2479,
196.9553, 255.6686

 10.0364, 17.9253,
28.4749

 184.9802,
240.4498, 308.7121

 5.4856, 10.8964,
18.4418

226.0039,
289.9180, 368.6272

 2.5725, 5.9972,
11.0949

272.6843,

 0.9320, 2.8434,

345.7442, 435.8324

6.0157

325.3869,
408.3130, 510.7464

■ 0.0000, 1.0505,
2.7857

■ 0.0000, 0.0000,
0.9863

■ 51.9253, 75.0265,
103.8403

■ 51.9253, 75.0265,
103.8403

■ 51.3790, 74.5918,
103.7866

■ 53.0327, 75.7539,
103.9237

■ 51.3318, 74.5501,
103.7810

■ 54.8344, 76.8380,
104.0380

■ 57.4282, 78.3306,
104.1894

■ 60.8948, 80.2735,
104.3817

65.3049, 82.7030,
104.6182

70.7220, 85.6520,
104.9019

77.2041, 89.1502,
105.2355

84.8048, 93.2254,
105.6215

93.5741, 97.9033,
106.0622

Harmonies

Analogous

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



51.3720, 75.0265, 69.3054



51.9253, 75.0265, 103.8403



57.3125, 75.0265, 140.2935

Triad

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



51.9253, 75.0265, 103.8403



89.5846, 75.0265, 132.7352



75.9723, 75.0265, 33.2533

Complementary

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



51.9253, 75.0265, 103.8403



40.8464, 21.7615, 3.1484

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.



87.4200, 75.0265, 42.2139



51.9253, 75.0265, 103.8403



95.8370, 75.0265, 95.4710

Square

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



51.9253, 75.0265, 103.8403



78.6746, 75.0265, 159.8848



95.0039, 75.0265, 62.9392



64.4208, 75.0265, 34.3442

Rectangle

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



51.9253, 75.0265, 103.8403



63.2901, 75.0265, 157.9080



95.0039, 75.0265, 62.9392



79.9813, 75.0265, 35.0611

Sweetspot

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



51.9276, 75.0293, 103.8421



73.8028, 88.6112, 107.8216



35.5008, 69.9533, 12.7321



15.3494, 18.7240, 23.0550



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.



51.9276, 75.0293, 103.8421



52.7306, 76.5813, 106.6102



27.4317, 26.0375, 95.6768



17.7448, 19.5663, 22.2267



26.7483, 38.8522, 54.0630



2.4836, 3.6108, 5.0092

Inverse Universe

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



57.6610, 28.3678, 92.0618



58.7452, 28.2621, 94.1110



49.7364, 39.5415, 6.1117



17.9825, 17.5203, 21.7633



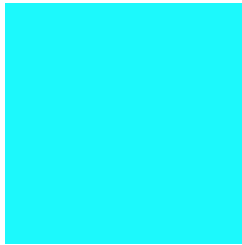
29.7933, 14.3331, 47.7476



2.7625, 1.3287, 4.4388

Previews

White Background



This preview shows how the XYZ color 51.9253, 75.0265, 103.8403 looks on a white background.

Color Contrast Check

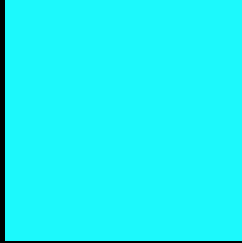
Large Text (above 18pt) WCAG AA × Fail

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 51.9253, 75.0265, 103.8403 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 51.9253, 75.0265, 103.8403

Background



This preview shows how black text looks on a background with the XYZ color 51.9253, 75.0265, 103.8403.



This preview shows how white text looks on a background with the XYZ color 51.9253, 75.0265,

Color Blindness Simulation

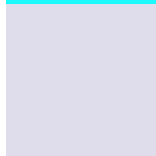
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.9253, 75.0265, 103.8403



Protanopia

71.2833, 73.3990, 89.0077



Deuteranopia

74.4854, 73.5316, 104.8749



Tritanopia

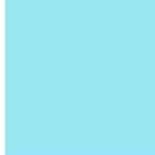
58.5702, 74.3655, 105.8747

Trichromacy



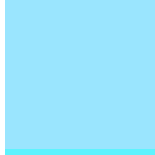
Original Color

51.9253, 75.0265, 103.8403



Protanomaly

57.4020, 70.1781, 93.7394



Deuteranomaly

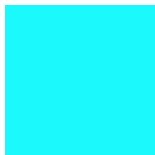
59.2351, 70.0644, 104.1677



Tritanomaly

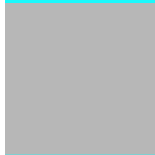
54.5561, 73.6366, 105.1038

Monochromacy



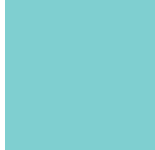
Original Color

51.9253, 75.0265, 103.8403



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.4504, 53.6917, 67.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9253, 75.0265, 103.8403 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(28, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(28, 249, 252)  
}
```

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(28, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 249, 252) }
```

Border

The CSS property to change the border of an element to XYZ 51.9253, 75.0265, 103.8403 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(28, 249, 252) }
```


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

```
.border{ border-color:rgb(28, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(28, 249,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9253, 75.0265, 103.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 249, 252) }
```

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

```
.background{ background-color: rgb(28, 249,  
252) }
```

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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