

Converting Colors

XYZ(79.0532, 90.4666,
103.6584)

Have a look what the booklet for
XYZ(79.0532, 90.4666, 103.6584)
contains.

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Color

**XYZ(78.9297, 90.3718,
103.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FCFA
RGB	211, 252, 250
RGB Percent	83%, 99%, 98%
CMY	0.1725, 0.0117, 0.0196
CMYK	0.16, 0.00, 0.01, 0.01
HSL	177°, 87%, 91%
HSV	177°, 16%, 99%
XYZ	78.9297, 90.3718, 103.7259
YIQ	239.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

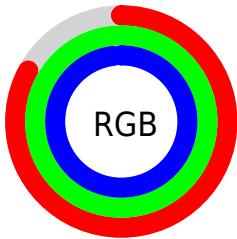
Format	Color
R_{YB}	211, 232, 252
Decimal	13892858
CIE _{Lab}	96.15, -13.44, -3.43
CIE _{LCh}	96, 13.868, 194.310
Yxy	90.3718, 0.2891, 0.3310
Android (android.graphics.Color)	4292082938 (0xFFD3FCFA)
YUV	239.5130, 5.1701, -25.0059
Hunter-Lab	95.0641, -18.1574, 1.8526

Details

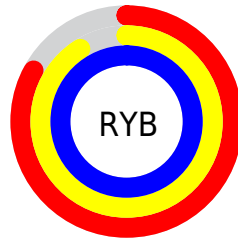
The XYZ color **78.9297, 90.3718, 103.7259** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4526, 72.0906, 72.8929**, and the grayscale version is **82.4202, 86.7125, 94.4299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9630, 49.9932, 58.4242** is the 20% darker color. If you saturate the color by 10%, you get **72.0767, 86.8636, 102.4024**, and if you desaturate by 10%, it is **86.9209, 94.4714, 105.1131**.

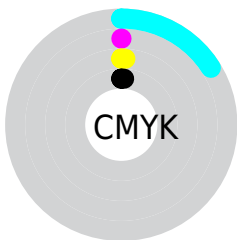
Distribution



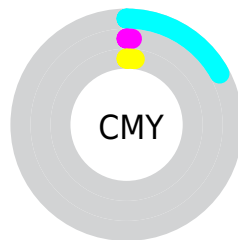
- Red (83%)
- Green (99%)
- Blue (98%)



- Red (83%)
- Yellow (91%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (17%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9297, 90.3718, 103.7259 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 78.9297, 90.3718, 103.7259 by changing the saturation by 10% instead.

78.9297, 90.3718,
103.7259

78.9297, 90.3718,
103.7259

480.1101,
529.2396, 593.4217

59.1434, 68.2891,
78.7817

130.8183,
147.8547, 168.3644

42.9754, 50.1329,
58.1961

163.6514,
184.0237, 208.8958

30.0603, 35.5190,
41.5505

201.5642,
225.6569, 255.4600

20.0326, 24.0630,
28.4266

244.9219,
273.1387, 308.4755

12.5272, 15.3803,
18.4056

294.0900,
326.8534, 368.3609

7.1785, 9.0867,
11.0692

349.4339,

3.6213, 4.7978,

387.1856, 435.5347

5.9986

411.3188,
454.5195, 510.4155

■ 1.4902, 2.1291,
2.7755

■ 0.3192, 0.6809,
0.9812

■ 78.9297, 90.3718,
103.7259

■ 78.9297, 90.3718,
103.7259

■ 72.0767, 86.8636,
102.4024

■ 86.9209, 94.4714,
105.1131

■ 66.3016, 83.9085,
101.1339

■ 93.6964, 97.9418,
106.4481

■ 61.5502, 81.4810,
99.9200

■ 93.8927, 98.0203,
107.4818

■ 57.7605, 79.5492,
98.7575

■ 94.0903, 98.0994,
108.5222

■ 54.8639, 78.0776,
97.6435

■ 94.1020, 98.1040,
108.5840

■ 52.7828, 77.0262,
96.5740

■ 51.4260, 76.3481,
95.5451

■ 50.6803, 75.9849,
94.5511

■ 50.4944, 75.8970,
94.1865

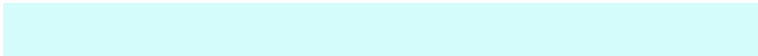
Harmonies

Analogous

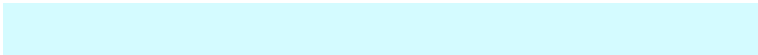
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9733, 90.3718, 92.7843



78.9297, 90.3718, 103.7259



80.7136, 90.3718, 113.9423

Triad

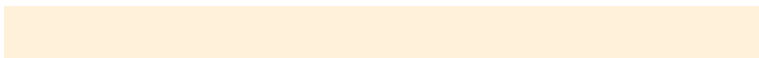
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9297, 90.3718, 103.7259



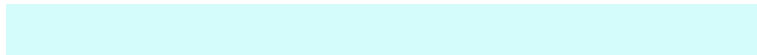
91.1639, 90.3718, 114.3404



87.9104, 90.3718, 79.3915

Complementary

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



78.9297, 90.3718, 103.7259



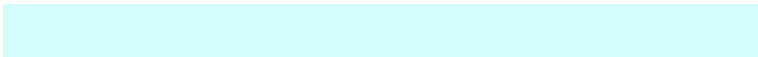
75.4526, 72.0906, 72.8929

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.



91.2950, 90.3718, 84.3386



78.9297, 90.3718, 103.7259



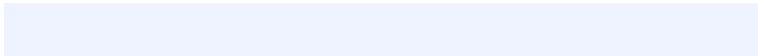
93.2113, 90.3718, 104.2369

Square

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



78.9297, 90.3718, 103.7259



87.7359, 90.3718, 120.3733



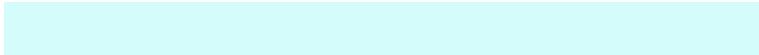
93.2599, 90.3718, 93.2587



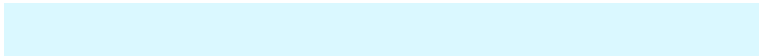
84.0814, 90.3718, 79.2772

Rectangle

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



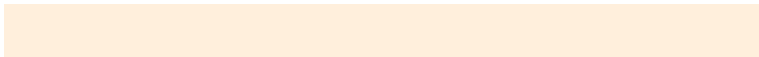
78.9297, 90.3718, 103.7259



82.7307, 90.3718, 118.7384



93.2599, 90.3718, 93.2587



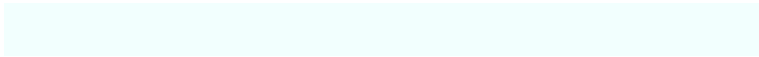
89.1404, 90.3718, 80.5269

Sweetspot

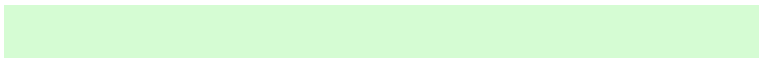
The Sweet Spot groups the original color and five complimentary colors.



78.9323, 90.3755, 103.7279



90.4137, 97.6215, 108.1603



74.0261, 88.4813, 74.8067



19.2180, 20.8262, 23.1288



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

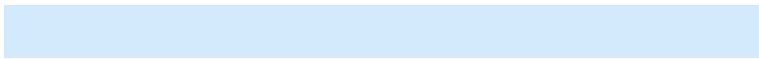
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9323, 90.3755, 103.7279



78.3132, 91.4179, 106.0360



73.7322, 79.4698, 103.5529



17.7270, 19.5931, 22.0291



26.3184, 39.5404, 49.1476



2.4485, 3.6665, 4.6097

Inverse Universe

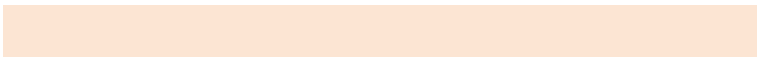
The Inverse Universe completely reimagines the original color for something new.



75.4526, 72.0906, 72.8929



74.0333, 68.9259, 68.1084



80.0500, 81.6897, 73.1783



17.2790, 17.2389, 18.0589



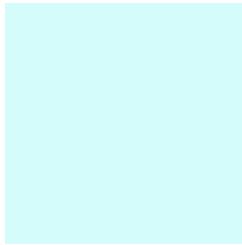
20.9624, 10.8007, 1.2447



1.9532, 1.0050, 0.1769

Previews

White Background



This preview shows how the XYZ color 78.9297, 90.3718, 103.7259 looks on a white background.

Color Contrast Check

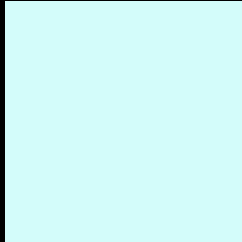
Large Text (above 18pt) WCAG AA × Fail

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 78.9297, 90.3718, 103.7259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

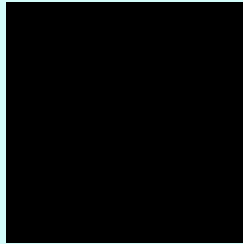
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9297, 90.3718, 103.7259

Background



This preview shows how black text looks on a background with the XYZ color 78.9297, 90.3718, 103.7259.



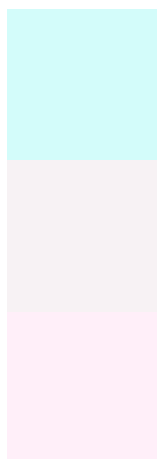
This preview shows how white text looks on a background with the XYZ color 78.9297, 90.3718,

103.7259.

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

78.9297, 90.3718, 103.7259

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

89.2054, 89.8326, 102.2603



Tritanopia

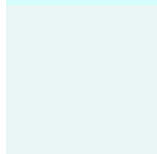
83.9608, 90.1205, 107.5775

Trichromacy



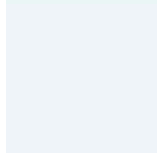
Original Color

78.9297, 90.3718, 103.7259



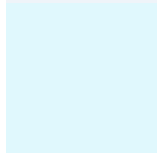
Protanomaly

83.5220, 90.0578, 100.1696



Deuteranomaly

85.0462, 89.8916, 102.4909



Tritanomaly

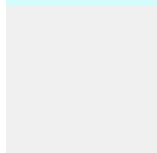
82.0375, 90.0739, 105.9907

Monochromacy



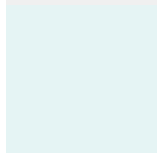
Original Color

78.9297, 90.3718, 103.7259



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.9929, 87.8910, 98.2838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9297, 90.3718, 103.7259 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(211, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 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(211, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.9297, 90.3718, 103.7259 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(211, 252, 250) }
```


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

```
.border{ border-color:rgb(211, 252, 250) }
```

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

Here you see how a box with a 4 pixel rgb(211, 252, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(211, 252,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9297, 90.3718, 103.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 250) }
```

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

```
.background{ background-color: rgb(211,  
252, 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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