

Converting Colors

XYZ(77.1028, 86.5079,
103.9021)

Have a look what the booklet for
XYZ(77.1028, 86.5079, 103.9021)
contains.

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Color

**XYZ(77.2323, 86.7255,
103.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F6FB
RGB	211, 246, 251
RGB Percent	83%, 96%, 98%
CMY	0.1725, 0.0353, 0.0157
CMYK	0.16, 0.02, 0.00, 0.02
HSL	187°, 83%, 91%
HSV	187°, 16%, 98%
XYZ	77.2323, 86.7255, 103.9359
YIQ	236.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

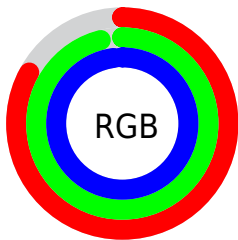
Format	Color
R_{YB}	211, 230, 251
Decimal	13891323
CIE _{Lab}	94.62, -10.24, -6.20
CIE _{LCh}	95, 11.969, 211.180
Yxy	86.7255, 0.2883, 0.3237
Android (android.graphics.Color)	4292081403 (0xFFD3F6FB)
YUV	236.1050, 7.3432, -22.0171
Hunter-Lab	93.1265, -14.9366, -0.9833

Details

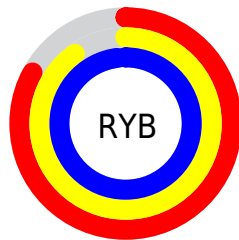
The XYZ color **77.2323, 86.7255, 103.9359** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0979, 74.3238, 71.9646**, and the grayscale version is **79.7691, 83.9233, 91.3925**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9741, 47.8350, 58.6506** is the 20% darker color. If you saturate the color by 10%, you get **69.6504, 81.4153, 103.3119**, and if you desaturate by 10%, it is **85.9581, 92.6538, 104.6217**.

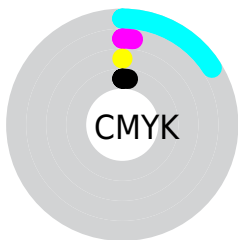
Distribution



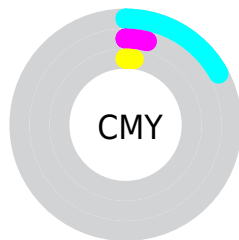
- Red (83%)
- Green (96%)
- Blue (98%)



- Red (83%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2323, 86.7255, 103.9359 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 77.2323, 86.7255, 103.9359 by changing the saturation by 10% instead.

77.2323, 86.7255,
103.9359

77.2323, 86.7255,
103.9359

474.4355,
517.3204, 594.0933

57.7441, 65.2681,
78.9565

128.4384,
142.7815, 168.6545

41.8455, 47.6785,
58.3389

160.8871,
178.1488, 209.2307

29.1709, 33.5723,
41.6647

198.3867,
218.9216, 255.8429

19.3551, 22.5653,
28.5152

241.3026,
265.4841, 308.9097

12.0326, 14.2728,
18.4720

290.0000,
318.2209, 368.8496

6.8383, 8.3107,
11.1164

344.8444,

3.4066, 4.2944,

377.5163, 436.0811

6.0301

406.2011,
443.7547, 511.0229

■ 1.3722, 1.8396,
2.7943

■ 0.2363, 0.5116,
0.9906

■ 77.2323, 86.7255,
103.9359

■ 77.2323, 86.7255,
103.9359

■ 69.6504, 81.4153,
103.3119

■ 85.9581, 92.6538,
104.6217

■ 63.1529, 76.6857,
102.7415

■ 93.5500, 98.0194,
105.2572

■ 57.6861, 72.5110,
102.2238

■ 94.4129, 99.7451,
105.5448

■ 53.1888, 68.8597,
101.7561

■ 49.5932, 65.6967,
101.3351

■ 46.8227, 62.9824,
100.9572

■ 44.7875, 60.6703,
100.6182

■ 43.3766, 58.7031,
100.3128

■ 42.9139, 57.9672,
100.1952

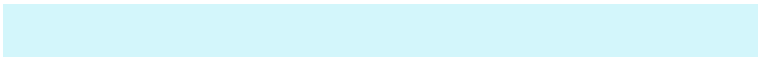
Harmonies

Analogous

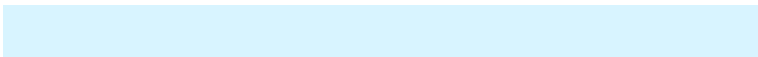
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3781, 86.7255, 94.7959



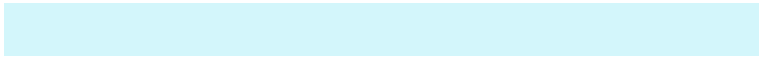
77.2323, 86.7255, 103.9359



79.4736, 86.7255, 110.8777

Triad

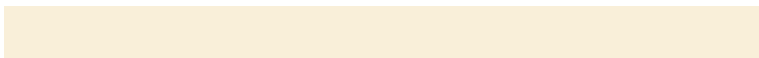
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2323, 86.7255, 103.9359



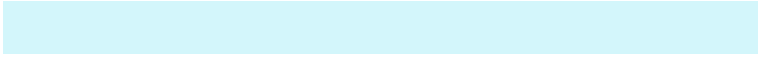
87.9892, 86.7255, 103.2614



82.3022, 86.7255, 77.7468

Complementary

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



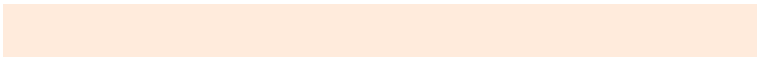
77.2323, 86.7255, 103.9359



76.0979, 74.3238, 71.9646

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.



85.4588, 86.7255, 79.6939



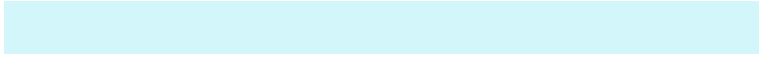
77.2323, 86.7255, 103.9359



88.7934, 86.7255, 94.0637

Square

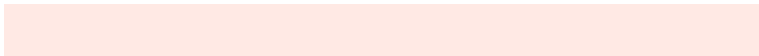
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2323, 86.7255, 103.9359



85.6858, 86.7255, 110.4707



87.8558, 86.7255, 85.5209



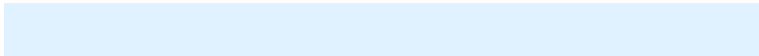
79.2577, 86.7255, 80.0213

Rectangle

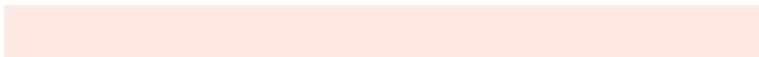
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



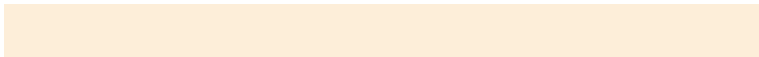
77.2323, 86.7255, 103.9359



81.4818, 86.7255, 113.1093



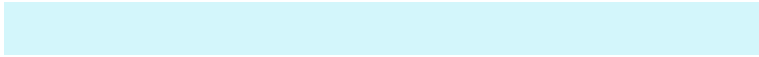
87.8558, 86.7255, 85.5209



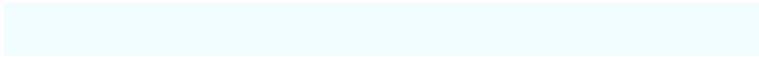
83.3855, 86.7255, 77.9283

Sweetspot

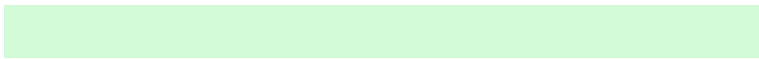
The Sweet Spot groups the original color and five complimentary colors.



77.2348, 86.7291, 103.9378



90.0078, 96.6496, 108.5191



73.7142, 87.7854, 77.8006



19.1190, 20.5891, 23.2164



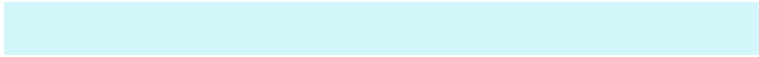
0.0000, 0.0000, 0.0000



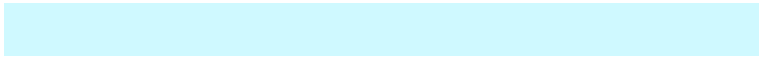
20.3446, 21.4041, 23.3091

Same Dimension

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



77.2348, 86.7291, 103.9378



77.5162, 88.1399, 107.5349



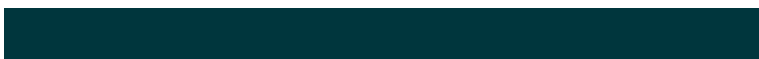
71.5651, 75.3896, 102.0479



17.5700, 19.2167, 22.1685



22.6312, 30.6180, 52.6906



2.1463, 2.9362, 4.8968

Inverse Universe

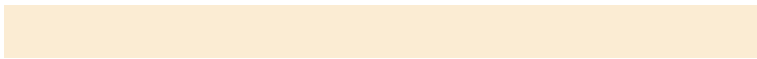
The Inverse Universe completely reimagines the original color for something new.



79.7144, 73.7533, 97.2274



80.5347, 72.5042, 99.3301



81.4425, 85.0130, 73.7462



17.8942, 17.4850, 21.2987



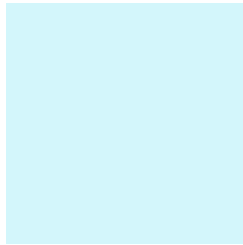
27.7152, 13.5018, 36.8043



2.5923, 1.2606, 3.5422

Previews

White Background



This preview shows how the XYZ color 77.2323, 86.7255, 103.9359 looks on a white background.

Color Contrast Check

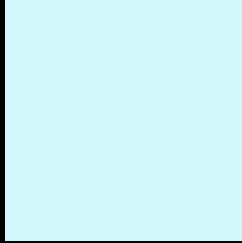
Large Text (above 18pt) WCAG AA × Fail

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 77.2323, 86.7255, 103.9359 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 77.2323, 86.7255, 103.9359

Background



This preview shows how black text looks on a background with the XYZ color 77.2323, 86.7255, 103.9359.

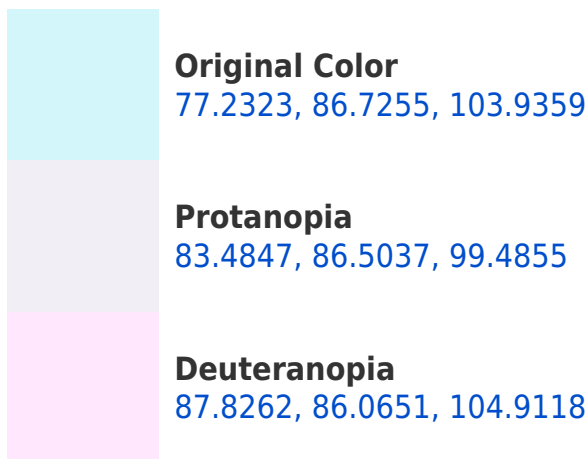


This preview shows how white text looks on a background with the XYZ color 77.2323, 86.7255,

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

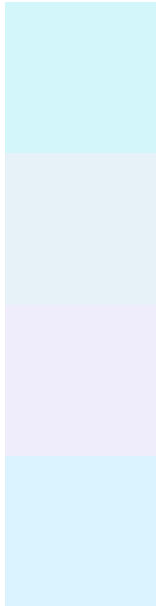




Tritanopia

80.2336, 86.4122, 107.0582

Trichromacy



Original Color

77.2323, 86.7255, 103.9359

Protanomaly

81.0317, 86.5109, 101.2344

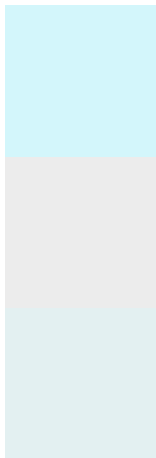
Deuteranomaly

83.4515, 85.9474, 104.2866

Tritanomaly

79.1534, 86.3170, 106.2550

Monochromacy



Original Color

77.2323, 86.7255, 103.9359

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.7158, 85.0019, 95.4773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2323, 86.7255, 103.9359 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, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(211, 246, 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(211, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 246, 251) }
```

Border

The CSS property to change the border of an element to XYZ 77.2323, 86.7255, 103.9359 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, 246, 251) }
```


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

```
.border{ border-color:rgb(211, 246, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 246, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(211, 246,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2323, 86.7255, 103.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 246, 251) }
```

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

```
.background{ background-color: rgb(211,  
246, 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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