

Converting Colors

XYZ(78.1811, 88.2006,
103.9074)

Have a look what the booklet for
XYZ(78.1811, 88.2006, 103.9074)
contains.

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Color

**XYZ(78.1314, 88.0969,
104.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F8FB
RGB	212, 248, 251
RGB Percent	83%, 97%, 98%
CMY	0.1686, 0.0274, 0.0157
CMYK	0.16, 0.01, 0.00, 0.02
HSL	185°, 83%, 91%
HSV	185°, 16%, 98%
XYZ	78.1314, 88.0969, 104.1532
YIQ	237.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

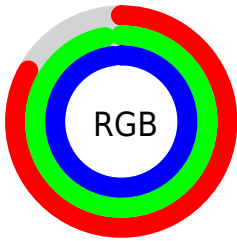
Format	Color
R_{YB}	212, 231, 251
Decimal	13957371
CIE _{Lab}	95.20, -10.94, -5.33
CIE _{LCh}	95, 12.168, 205.998
Yxy	88.0969, 0.2890, 0.3258
Android (android.graphics.Color)	4292147451 (0xFFD4F8FB)
YUV	237.5780, 6.6170, -22.4319
Hunter-Lab	93.8599, -15.6670, -0.0901

Details

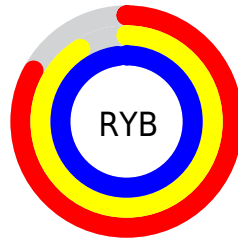
The XYZ color **78.1314, 88.0969, 104.1532** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9685, 73.8635, 72.5422**, and the grayscale version is **80.9069, 85.1203, 92.6960**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6046, 48.8075, 58.8050** is the 20% darker color. If you saturate the color by 10%, you get **70.8616, 83.4758, 103.6458**, and if you desaturate by 10%, it is **86.5372, 93.3174, 104.7192**.

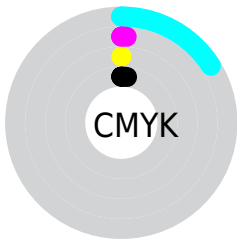
Distribution



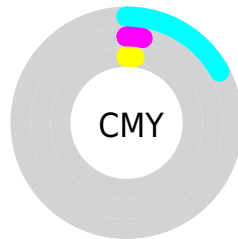
- Red (83%)
- Green (97%)
- Blue (98%)



- Red (83%)
- Yellow (91%)
- Blue (98%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1314, 88.0969, 104.1532 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 78.1314, 88.0969, 104.1532 by changing the saturation by 10% instead.

78.1314, 88.0969,
104.1532

78.1314, 88.0969,
104.1532

477.4459,
521.8205, 594.7877

58.4851, 66.4033,
79.1374

129.6997,
144.6921, 168.9545

42.4435, 48.5999,
58.4868

162.3524,
180.3624, 209.5771

29.6414, 34.3022,
41.7829

200.0713,
221.4605, 256.2390

19.7132, 23.1258,
28.6070

243.2218,
268.3707, 309.3588

12.2938, 14.6865,
18.5407

292.1691,
321.4774, 369.3551

7.0177, 8.5996,
11.1654

347.2787,

3.5196, 4.4810,

381.1650, 436.6463

6.0627

408.9158,
447.8179, 511.6510

■ 1.4341, 1.9461,
2.8138

■ 0.2803, 0.5759,
1.0004

■ 78.1314, 88.0969,
104.1532

■ 78.1314, 88.0969,
104.1532

■ 70.8616, 83.4758,
103.6458

■ 86.5372, 93.3174,
104.7192

■ 64.6682, 79.4163,
103.1887

■ 93.4200, 97.7595,
105.2139

■ 59.4981, 75.8933,
102.7812

■ 94.0283, 98.9761,
105.4166

■ 55.2902, 72.8754,
102.4204

■ 94.4129, 99.7451,
105.5448

■ 51.9771, 70.3277,
102.1033

■ 49.4826, 68.2110,
101.8262

■ 47.7178, 66.4793,
101.5850

■ 46.5727, 65.0760,
101.3745

■ 46.1895, 64.5185,
101.2870

Harmonies

Analogous

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



77.5316, 88.0969, 94.6537



78.1314, 88.0969, 104.1532



80.2176, 88.0969, 111.8743

Triad

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



78.1314, 88.0969, 104.1532



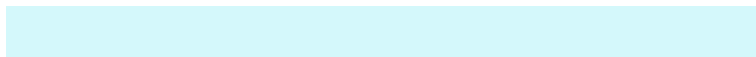
89.1323, 88.0969, 106.5027



84.1793, 88.0969, 78.8325

Complementary

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



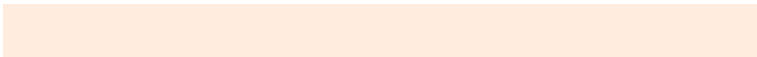
78.1314, 88.0969, 104.1532



75.9685, 73.8635, 72.5422

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.



87.3506, 88.0969, 81.5642



78.1314, 88.0969, 104.1532



90.2576, 88.0969, 97.2027

Square

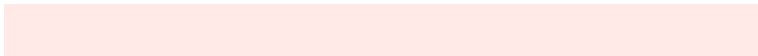
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1314, 88.0969, 104.1532



86.5601, 88.0969, 113.2924



89.5971, 88.0969, 88.1374



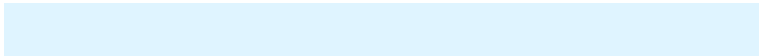
80.9690, 88.0969, 80.4256

Rectangle

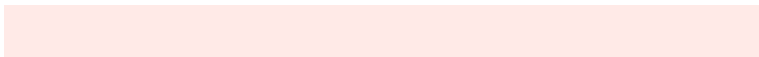
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



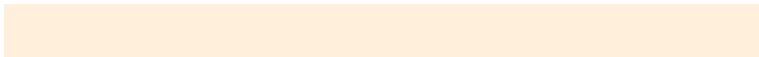
78.1314, 88.0969, 104.1532



82.2000, 88.0969, 114.7574



89.5971, 88.0969, 88.1374



85.2859, 88.0969, 79.2703

Sweetspot

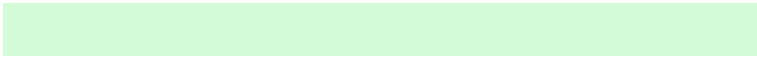
The Sweet Spot groups the original color and five complimentary colors.



78.1340, 88.1005, 104.1552



90.2021, 97.0381, 108.5838



73.8645, 87.8787, 77.0917



19.1664, 20.6838, 23.2321



0.0000, 0.0000, 0.0000



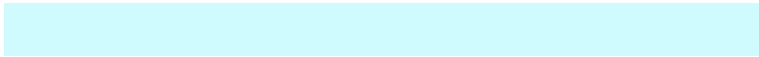
20.3446, 21.4041, 23.3091

Same Dimension

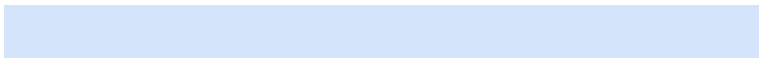
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1340, 88.1005, 104.1552



78.2405, 89.5884, 107.7763



72.5572, 76.9471, 102.2963



17.6450, 19.3668, 22.1935



24.3277, 34.0110, 53.2561



2.2861, 3.2159, 4.9434

Inverse Universe

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



80.2725, 74.3754, 98.9362



80.9003, 72.6504, 101.2552



81.1201, 84.1669, 74.2594



17.9321, 17.5002, 21.4982



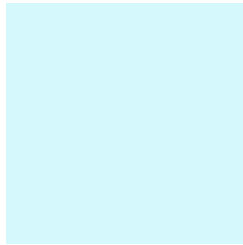
28.5715, 13.8443, 41.3136



2.6628, 1.2889, 3.9139

Previews

White Background



This preview shows how the XYZ color 78.1314, 88.0969, 104.1532 looks on a white background.

Color Contrast Check

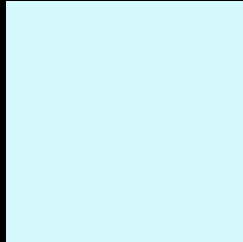
Large Text (above 18pt) WCAG AA × Fail

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 78.1314, 88.0969, 104.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

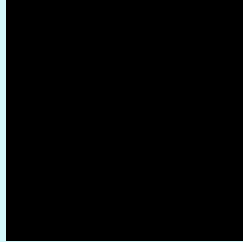
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1314, 88.0969, 104.1532

Background



This preview shows how black text looks on a background with the XYZ color 78.1314, 88.0969, 104.1532.

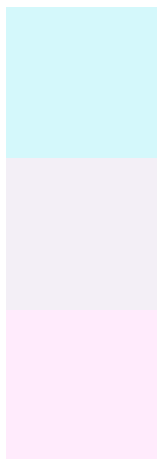


This preview shows how white text looks on a background with the XYZ color 78.1314, 88.0969,

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

78.1314, 88.0969, 104.1532

Protanopia

84.4632, 87.4415, 99.6150

Deuteranopia

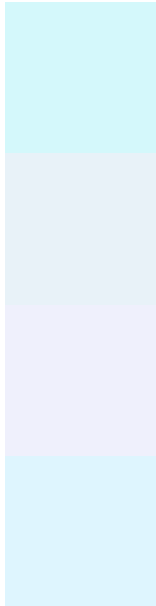
88.5190, 87.7049, 104.3588



Tritanopia

82.0792, 88.2523, 107.3161

Trichromacy



Original Color

78.1314, 88.0969, 104.1532

Protanomaly

81.9741, 87.4374, 101.3635

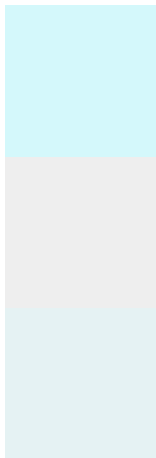
Deuteranomaly

84.3274, 87.6992, 104.5786

Tritanomaly

80.6660, 87.9902, 106.4982

Monochromacy



Original Color

78.1314, 88.0969, 104.1532

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.2429, 86.6333, 97.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1314, 88.0969, 104.1532 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(212, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(212, 248, 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(212, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 248, 251) }
```

Border

The CSS property to change the border of an element to XYZ 78.1314, 88.0969, 104.1532 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(212, 248, 251) }
```


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

```
.border{ border-color:rgb(212, 248, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 248, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(212, 248,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1314, 88.0969, 104.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 248, 251) }
```

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

```
.background{ background-color: rgb(212,  
248, 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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