

Converting Colors

XYZ(75.5779, 87.3935,
102.9526)

Have a look what the booklet for
XYZ(75.5779, 87.3935, 102.9526)
contains.

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Color

**XYZ(75.4881, 87.2100,
103.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF9FA
RGB	202, 249, 250
RGB Percent	79%, 98%, 98%
CMY	0.2078, 0.0235, 0.0196
CMYK	0.19, 0.00, 0.00, 0.02
HSL	181°, 83%, 89%
HSV	181°, 19%, 98%
XYZ	75.4881, 87.2100, 103.2971
YIQ	235.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

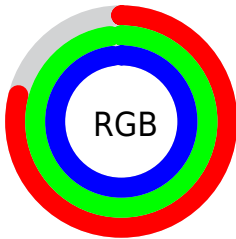
Format	Color
R_{YB}	202, 226, 250
Decimal	13302266
CIE _{Lab}	94.83, -14.67, -5.44
CIE _{LCh}	95, 15.642, 200.345
Yxy	87.2100, 0.2838, 0.3279
Android (android.graphics.Color)	4291492346 (0xFFCAF9FA)
YUV	235.0610, 7.3649, -28.9945
Hunter-Lab	93.3863, -19.1369, -0.2119

Details

The XYZ color **75.4881, 87.2100, 103.2971** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.4418, 67.3003, 65.1036**, and the grayscale version is **78.9753, 83.0881, 90.4830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8402, 48.2380, 58.1973** is the 20% darker color. If you saturate the color by 10%, you get **69.1046, 83.6835, 102.9543**, and if you desaturate by 10%, it is **82.9729, 91.3094, 103.6953**.

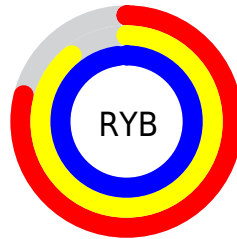
Distribution



Red (79%)

Green (98%)

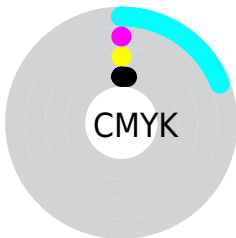
Blue (98%)



Red (79%)

Yellow (89%)

Blue (98%)

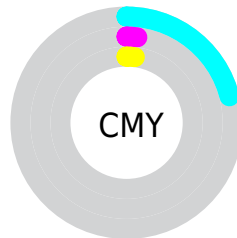


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4881, 87.2100, 103.2971 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 75.4881, 87.2100, 103.2971 by changing the saturation by 10% instead.

75.4881, 87.2100,
103.2971

75.4881, 87.2100,
103.2971

468.5649,
518.9127, 592.0493

56.3084, 65.6690,
78.4248

125.9873,
143.4568, 167.7721

40.6882, 48.0038,
57.9044

158.0375,
178.9314, 208.2118

28.2622, 33.8299,
41.3176

195.1086,
219.8193, 254.6777

18.6648, 22.7629,
28.2458

237.5659,
266.5050, 307.5884

11.5309, 14.4186,
18.2704

285.7749,
319.3728, 367.3623

6.4950, 8.4123,
10.9728

340.1008,

3.1919, 4.3599,

378.8070, 434.4181

5.9346

400.9090,
445.1922, 509.1742

■ 1.2560, 1.8769,
2.7372

■ 0.1499, 0.5344,
0.9621

■ 75.4881, 87.2100,
103.2971

■ 75.4881, 87.2100,
103.2971

■ 69.1046, 83.6835,
102.9543

■ 82.9729, 91.3094,
103.6953

■ 63.7620, 80.6921,
102.6585

■ 91.6006, 95.9964,
104.1452

■ 59.4060, 78.2099,
102.4089

■ 92.8563, 96.8836,
104.2503

■ 55.9741, 76.2047,
102.2028

■ 93.0183, 97.2077,
104.3043

■ 53.3966, 74.6407,
102.0367

■ 93.1808, 97.5327,
104.3585

■ 51.5941, 73.4768,
101.9071

■ 93.3437, 97.8585,
104.4128

■ 50.4723, 72.6645,
101.8094

■ 93.5071, 98.1853,
104.4672

■ 49.8881, 72.1301,
101.7371

■ 93.6709, 98.5129,
104.5219

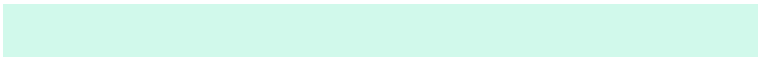
■ 49.8505, 72.0920,
101.7317

■ 93.8352, 98.8415,
104.5766

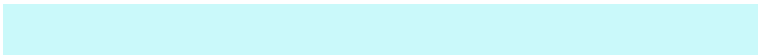
Harmonies

Analogous

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



75.1198, 87.2100, 91.0993



75.4881, 87.2100, 103.2971



77.8022, 87.2100, 114.0654

Triad

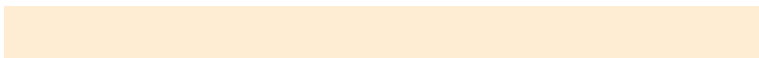
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4881, 87.2100, 103.2971



89.3186, 87.2100, 110.6291



84.2636, 87.2100, 73.7734

Complementary

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



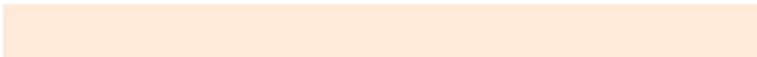
75.4881, 87.2100, 103.2971



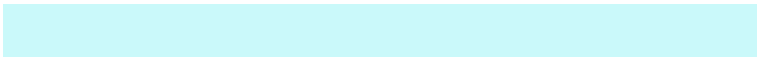
71.4418, 67.3003, 65.1036

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.



88.1960, 87.2100, 78.1113



75.4881, 87.2100, 103.2971



91.1794, 87.2100, 98.9218

Square

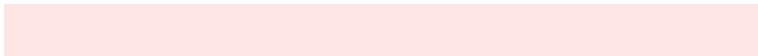
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4881, 87.2100, 103.2971



85.7537, 87.2100, 118.5422



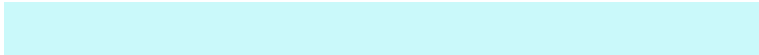
90.7616, 87.2100, 87.0781



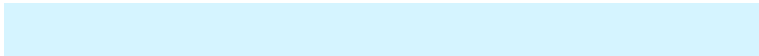
80.0918, 87.2100, 74.7278

Rectangle

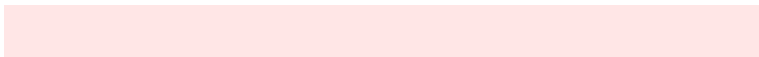
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



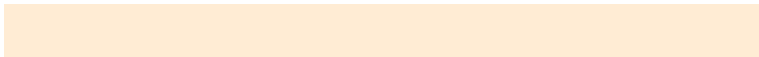
75.4881, 87.2100, 103.2971



80.1818, 87.2100, 118.6535



90.7616, 87.2100, 87.0781



85.6595, 87.2100, 74.6460

Sweetspot

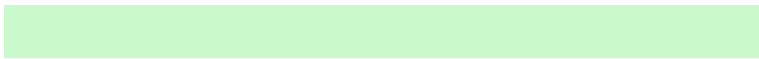
The Sweet Spot groups the original color and five complimentary colors.



75.4906, 87.2136, 103.2991



89.5421, 97.0102, 108.6132



69.3000, 85.2316, 69.1755



19.0431, 20.6975, 23.2413



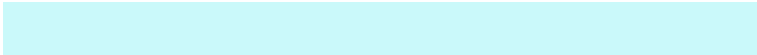
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.4906, 87.2136, 103.2991



76.2788, 89.7481, 107.9105



68.5933, 73.4190, 101.0000



17.7331, 19.5430, 22.2228



26.4560, 38.2675, 53.9655



2.4598, 3.5634, 5.0013

Inverse Universe

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



77.6458, 69.4065, 98.9310



78.9135, 68.0397, 102.5568



77.5010, 79.4187, 67.1233



17.9766, 17.5180, 21.7324



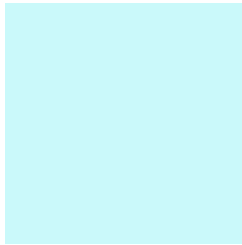
29.6458, 14.2740, 46.9705



2.7505, 1.3240, 4.3757

Previews

White Background



This preview shows how the XYZ color 75.4881, 87.2100, 103.2971 looks on a white background.

Color Contrast Check

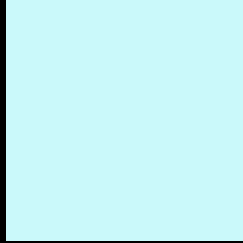
Large Text (above 18pt) WCAG AA × Fail

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 75.4881, 87.2100, 103.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

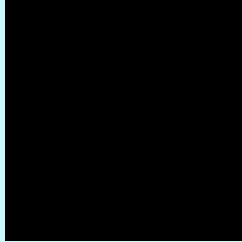
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4881, 87.2100, 103.2971

Background



This preview shows how black text looks on a background with the XYZ color 75.4881, 87.2100, 103.2971.

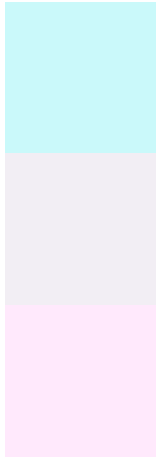


This preview shows how white text looks on a background with the XYZ color 75.4881, 87.2100,

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

75.4881, 87.2100, 103.2971

Protanopia

83.5216, 86.5580, 97.8932

Deuteranopia

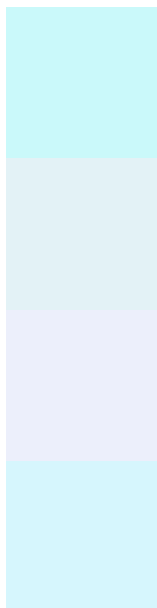
87.9496, 86.5661, 104.1689



Tritanopia

80.2195, 87.2935, 107.2291

Trichromacy



Original Color

75.4881, 87.2100, 103.2971

Protanomaly

80.0652, 86.4890, 99.6629

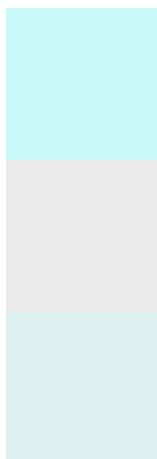
Deuteranomaly

82.8712, 86.5309, 103.6011

Tritanomaly

78.4169, 87.2995, 105.6460

Monochromacy



Original Color

75.4881, 87.2100, 103.2971

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3197, 84.2994, 94.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4881, 87.2100, 103.2971 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(202, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 249, 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(202, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 249, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.4881, 87.2100, 103.2971 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(202, 249, 250) }
```


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

```
.border{ border-color:rgb(202, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 249,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4881, 87.2100, 103.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 249, 250) }
```

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

```
.background{ background-color: rgb(202,  
249, 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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