

Converting Colors

XYZ(75.9697, 86.5455,
103.1434)

Have a look what the booklet for
XYZ(75.9697, 86.5455, 103.1434)
contains.

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Color

**XYZ(75.9697, 86.5455,
103.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF7FA
RGB	206, 247, 250
RGB Percent	81%, 97%, 98%
CMY	0.1921, 0.0314, 0.0196
CMYK	0.18, 0.01, 0.00, 0.02
HSL	184°, 81%, 89%
HSV	184°, 18%, 98%
XYZ	75.9697, 86.5455, 103.1434
YIQ	235.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

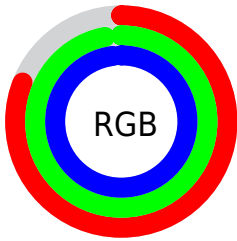
Format	Color
R _Y B	206, 227, 250
Decimal	13563898
CIE Lab	94.55, -12.47, -5.83
CIE LCh	95, 13.761, 205.052
Yxy	86.5455, 0.2860, 0.3258
Android (android.graphics.Color)	4291753978 (0xFFCEF7FA)
YUV	235.0830, 7.3541, -25.5058
Hunter-Lab	93.0298, -17.0362, -0.6147

Details

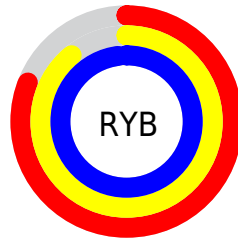
The XYZ color **75.9697, 86.5455, 103.1434** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3661, 70.3812, 68.1123**, and the grayscale version is **78.9905, 83.1042, 90.5005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1309, 47.7360, 58.0851** is the 20% darker color. If you saturate the color by 10%, you get **69.0562, 82.2143, 102.6732**, and if you desaturate by 10%, it is **83.9969, 91.4624, 103.6708**.

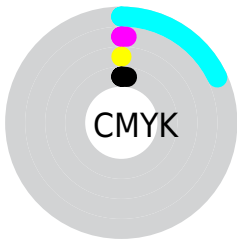
Distribution



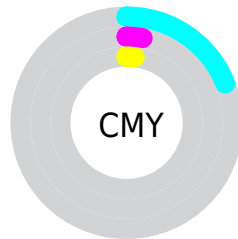
- Red (81%)
- Green (97%)
- Blue (98%)



- Red (81%)
- Yellow (89%)
- Blue (98%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9697, 86.5455, 103.1434 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 75.9697, 86.5455, 103.1434 by changing the saturation by 10% instead.

75.9697, 86.5455,
103.1434

75.9697, 86.5455,
103.1434

470.1900,
516.7282, 591.5569

56.7046, 65.1192,
78.2968

126.6647,
142.5305, 167.5597

41.0074, 47.5577,
57.8000

158.8253,
177.8579, 207.9665

28.5125, 33.4768,
41.2342

196.0151,
218.5878, 254.3972

18.8548, 22.4919,
28.1811

238.5995,
265.1045, 307.2702

11.6688, 14.2188,
18.2220

286.9438,
317.7926, 367.0042

6.5892, 8.2730,
10.9384

341.4134,

3.2505, 4.2701,

377.0363, 434.0176

5.9118

402.3737,
443.2200, 508.7290

■ 1.2876, 1.8258,
2.7236

■ 0.1739, 0.5032,
0.9553

■ 75.9697, 86.5455,
103.1434

■ 75.9697, 86.5455,
103.1434

■ 69.0562, 82.2143,
102.6732

■ 83.9969, 91.4624,
103.6708

■ 63.1967, 78.4312,
102.2518

■ 92.8089, 96.7888,
104.2344

■ 58.3375, 75.1708,
101.8786

■ 93.3415, 97.8541,
104.4120

■ 54.4171, 72.4013,
101.5506

■ 93.8789, 98.9289,
104.5911

■ 51.3670, 70.0875,
101.2648

■ 94.2556, 99.6822,
104.7167

■ 49.1098, 68.1894,
101.0174

■ 47.5538, 66.6598,
100.8042

■ 46.5784, 65.4364,
100.6194

■ 46.3875, 65.1660,
100.5773

Harmonies

Analogous

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



75.3607, 86.5455, 92.4837



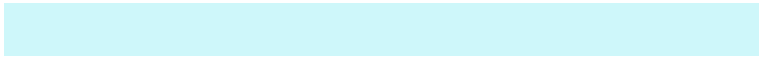
75.9697, 86.5455, 103.1434



78.2434, 86.5455, 111.9739

Triad

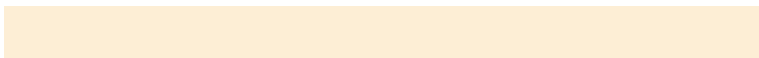
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9697, 86.5455, 103.1434



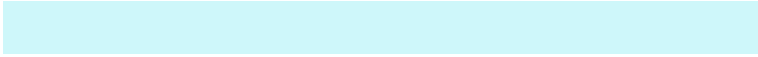
88.2402, 86.5455, 106.4161



82.8752, 86.5455, 75.3255

Complementary

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



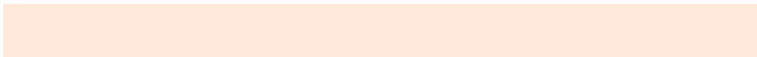
75.9697, 86.5455, 103.1434



73.3661, 70.3812, 68.1123

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.



86.4095, 86.5455, 78.4731



75.9697, 86.5455, 103.1434



89.5658, 86.5455, 96.0049

Square

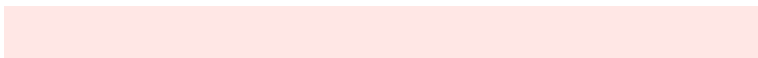
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9697, 86.5455, 103.1434



85.3139, 86.5455, 113.9606



88.8860, 86.5455, 85.8518



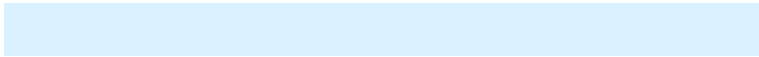
79.2777, 86.5455, 76.9251

Rectangle

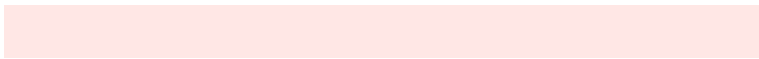
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



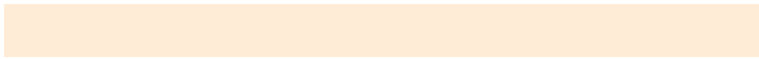
75.9697, 86.5455, 103.1434



80.4342, 86.5455, 115.3620



88.8860, 86.5455, 85.8518



84.1110, 86.5455, 75.8561

Sweetspot

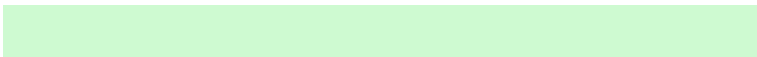
The Sweet Spot groups the original color and five complimentary colors.



75.9722, 86.5491, 103.1453



90.2374, 97.1087, 108.5956



71.1411, 86.0947, 73.1484



19.1750, 20.7010, 23.2350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

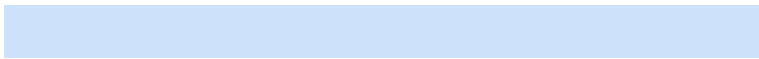
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9722, 86.5491, 103.1453



76.8661, 88.9151, 107.7188



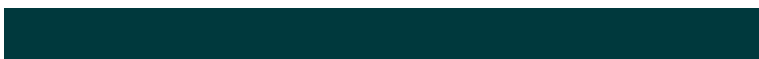
69.6537, 73.9121, 101.0392



17.6587, 19.3942, 22.1980



24.6484, 34.6524, 53.3630



2.3124, 3.2685, 4.9522

Inverse Universe

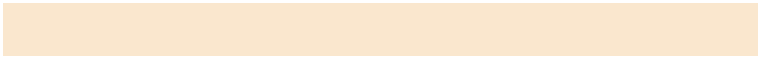
The Inverse Universe completely reimagines the original color for something new.



78.2862, 71.1839, 97.6136



79.7000, 70.2307, 100.9140



79.1237, 81.8963, 70.0314



17.9390, 17.5030, 21.5346



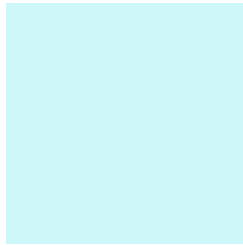
28.7334, 13.9091, 42.1661



2.6761, 1.2942, 3.9838

Previews

White Background



This preview shows how the XYZ color 75.9697, 86.5455, 103.1434 looks on a white background.

Color Contrast Check

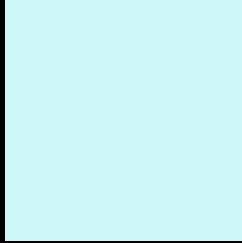
Large Text (above 18pt) WCAG AA × Fail

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 75.9697, 86.5455, 103.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

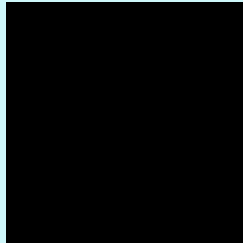
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9697, 86.5455, 103.1434

Background



This preview shows how black text looks on a background with the XYZ color 75.9697, 86.5455, 103.1434.

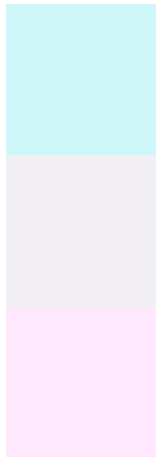


This preview shows how white text looks on a background with the XYZ color 75.9697, 86.5455,

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

75.9697, 86.5455, 103.1434

Protanopia

83.1793, 86.3815, 97.8772

Deuteranopia

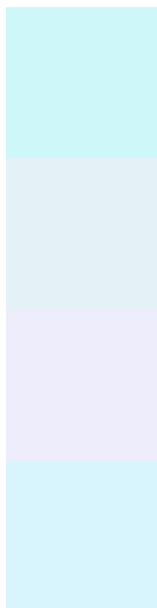
87.8262, 86.0651, 104.9118



Tritanopia

79.9194, 86.6933, 107.1290

Trichromacy



Original Color

75.9697, 86.5455, 103.1434

Protanomaly

80.0848, 86.0584, 99.5788

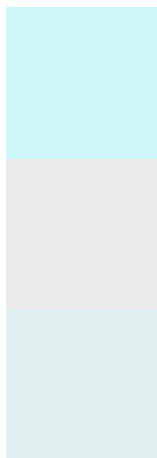
Deuteranomaly

82.7799, 85.6012, 104.2552

Tritanomaly

78.3992, 86.3921, 105.4718

Monochromacy



Original Color

75.9697, 86.5455, 103.1434

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3351, 83.8716, 94.5509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9697, 86.5455, 103.1434 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(206, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(206, 247, 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(206, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 247, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.9697, 86.5455, 103.1434 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(206, 247, 250) }
```


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

```
.border{ border-color:rgb(206, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(206, 247,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9697, 86.5455, 103.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 247, 250) }
```

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

```
.background{ background-color: rgb(206,  
247, 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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