

Converting Colors

XYZ(74.7984, 84.7796,
107.0296)

Have a look what the booklet for
XYZ(74.7984, 84.7796, 107.0296)
contains.

XYZ(74.7898, 84.9423, 107.0614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7898, 84.9423,
107.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F5FF
RGB	201, 245, 255
RGB Percent	79%, 96%, 100%
CMY	0.2118, 0.0392, 0.0000
CMYK	0.21, 0.04, 0.00, 0.00
HSL	191°, 100%, 89%
HSV	191°, 21%, 100%
XYZ	74.7898, 84.9423, 107.0614
YIQ	232.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

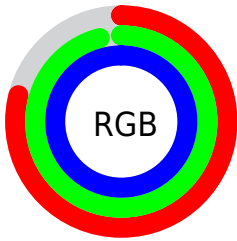
Format	Color
R _Y B	201, 225, 255
Decimal	13235711
CIE Lab	93.86, -11.92, -9.47
CIE LCh	94, 15.223, 218.456
Yxy	84.9423, 0.2803, 0.3184
Android (android.graphics.Color)	4291425791 (0xFFC9F5FF)
YUV	232.9840, 10.8539, -28.0500
Hunter-Lab	92.1641, -16.4372, -4.3586

Details

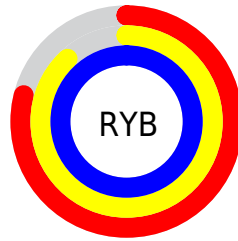
The XYZ color **74.7898, 84.9423, 107.0614** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0767, 72.0647, 65.2130**, and the grayscale version is **77.3787, 81.4085, 88.6538**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2447, 46.5834, 60.2965** is the 20% darker color. If you saturate the color by 10%, you get **67.0862, 78.8802, 106.2973**, and if you desaturate by 10%, it is **83.6722, 91.6706, 107.8919**.

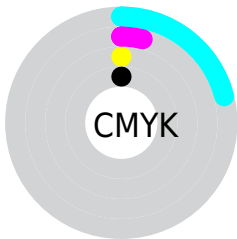
Distribution



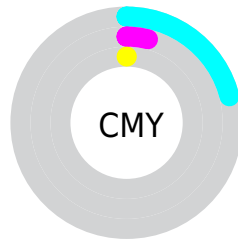
- Red (79%)
- Green (96%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7898, 84.9423, 107.0614 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 74.7898, 84.9423, 107.0614 by changing the saturation by 10% instead.

74.7898, 84.9423,
107.0614

74.7898, 84.9423,
107.0614

466.2031,
511.4371, 604.0416

55.7343, 63.7937,
81.5611

125.0043,
140.2926, 172.9640

40.2261, 46.4836,
60.4701

156.8939,
175.2630, 214.2035

27.8999, 32.6276,
43.3699

193.7923,
215.6095, 261.5263

18.3902, 21.8413,
29.8419

236.0648,
261.7165, 315.3512

11.3319, 13.7404,
19.4676

284.0768,
313.9684, 376.0967

6.3595, 7.9403,
11.8284

338.1936,

3.1076, 4.0568,

372.7495, 444.1812

6.5058

398.7806,
438.4443, 520.0233

■ 1.2109, 1.7054,
3.0813

■ 0.1150, 0.4271,
1.1363

■ 74.7898, 84.9423,
107.0614

■ 74.7898, 84.9423,
107.0614

■ 67.0862, 78.8802,
106.2973

■ 83.6722, 91.6706,
107.8919

■ 60.4984, 73.4447,
105.5954

■ 93.7792, 99.0825,
108.7899

■ 54.9674, 68.6074,
104.9532

■ 95.0500, 100.0000,
108.9000

■ 50.4260, 64.3331,
104.3675

■ 46.7992, 60.5827,
103.8348

■ 44.0005, 57.3113,
103.3509

■ 41.9265, 54.4651,
102.9108

■ 40.5567, 52.2334,
102.5522

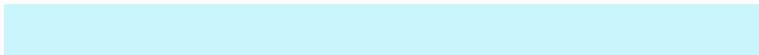
Harmonies

Analogous

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



73.2755, 84.9423, 95.8060



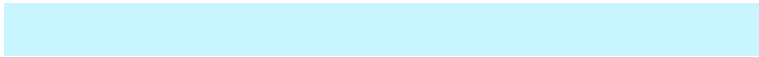
74.7898, 84.9423, 107.0614



77.9094, 84.9423, 114.8192

Triad

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



74.7898, 84.9423, 107.0614



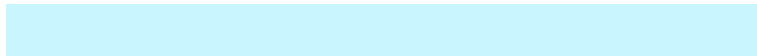
88.1964, 84.9423, 100.9206



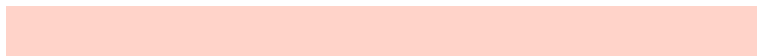
79.5954, 84.9423, 72.1371

Complementary

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



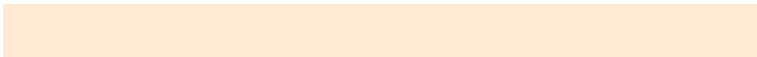
74.7898, 84.9423, 107.0614



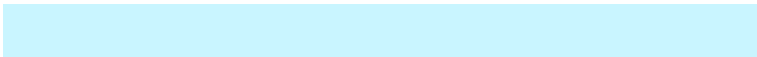
75.0767, 72.0647, 65.2130

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.



83.6283, 84.9423, 73.2575



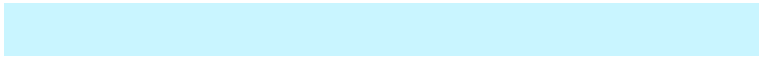
74.7898, 84.9423, 107.0614



88.6845, 84.9423, 89.2469

Square

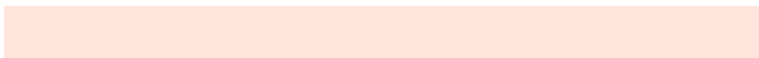
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



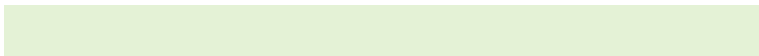
74.7898, 84.9423, 107.0614



85.6752, 84.9423, 111.0727



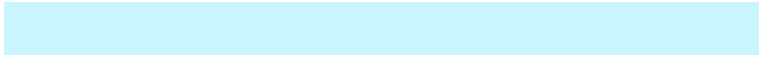
86.9874, 84.9423, 79.3005



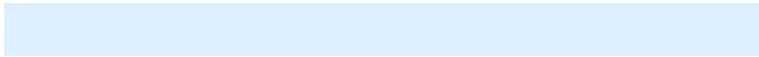
75.9887, 84.9423, 76.1009

Rectangle

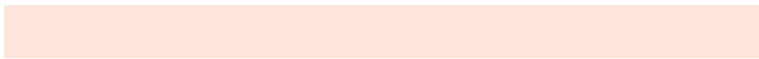
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7898, 84.9423, 107.0614



80.5255, 84.9423, 116.6188



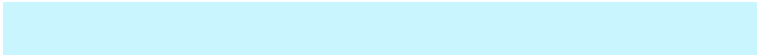
86.9874, 84.9423, 79.3005



80.9450, 84.9423, 71.9387

Sweetspot

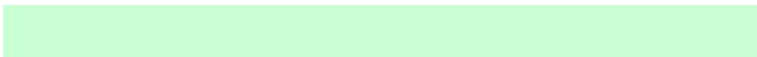
The Sweet Spot groups the original color and five complimentary colors.



74.7920, 84.9457, 107.0619



88.7466, 95.4191, 108.3480



71.5938, 88.6362, 74.8989



18.8544, 20.3202, 23.1784



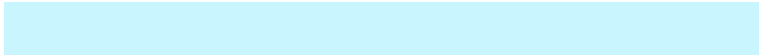
0.0000, 0.0000, 0.0000



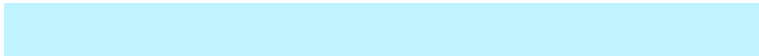
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7920, 84.9457, 107.0619



71.7091, 82.5495, 106.7619



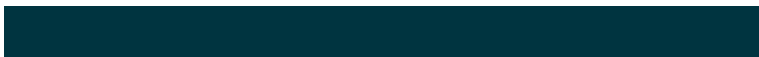
67.2360, 69.8336, 104.5433



18.2522, 19.8760, 23.1244



21.2946, 27.4988, 53.6200



2.1441, 2.8188, 5.2444

Inverse Universe

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



78.6095, 69.6275, 95.6864



76.1332, 65.1139, 93.5077



82.3286, 86.5686, 67.6303



18.6399, 18.2393, 21.9870



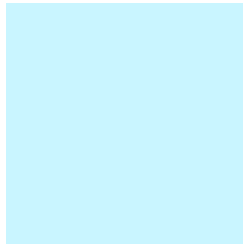
27.5367, 13.5040, 32.5405



2.7168, 1.3291, 3.3562

Previews

White Background



This preview shows how the XYZ color 74.7898, 84.9423, 107.0614 looks on a white background.

Color Contrast Check

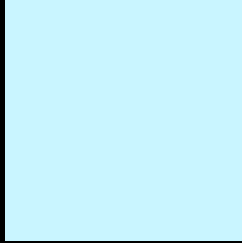
Large Text (above 18pt) WCAG AA × Fail

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 74.7898, 84.9423, 107.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

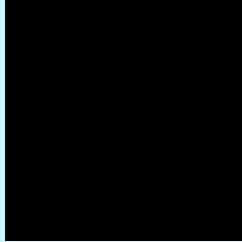
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7898, 84.9423, 107.0614

Background



This preview shows how black text looks on a background with the XYZ color 74.7898, 84.9423, 107.0614.

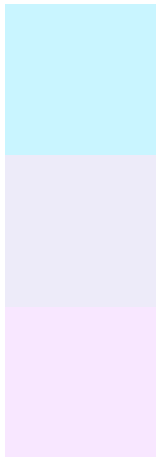


This preview shows how white text looks on a background with the XYZ color 74.7898, 84.9423,

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

74.7898, 84.9423, 107.0614

Protanopia

81.7323, 84.2607, 101.5787

Deuteranopia

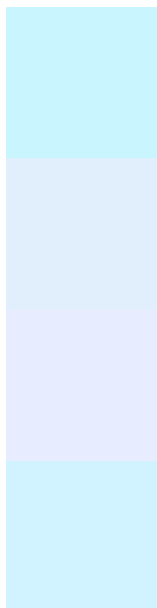
85.3373, 84.3283, 106.3870



Tritanopia

77.5337, 85.0204, 106.9319

Trichromacy



Original Color

74.7898, 84.9423, 107.0614

Protanomaly

79.0196, 84.5453, 103.4209

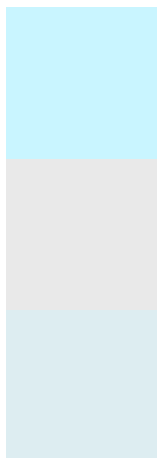
Deuteranomaly

81.0004, 84.1998, 106.5908

Tritanomaly

76.3951, 84.8765, 106.9641

Monochromacy



Original Color

74.7898, 84.9423, 107.0614

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9802, 82.2914, 95.0983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7898, 84.9423, 107.0614 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(201, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 255)  
}
```

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(201, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.7898, 84.9423, 107.0614 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(201, 245, 255) }
```


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

```
.border{ border-color:rgb(201, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7898, 84.9423, 107.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 255) }
```

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

```
.background{ background-color: rgb(201,  
245, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor