

Converting Colors

XYZ(74.6564, 87.5353,
107.4929)

Have a look what the booklet for
XYZ(74.6564, 87.5353, 107.4929)
contains.

XYZ(74.7953, 87.6837, 107.5903)	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(74.7953, 87.6837,
107.5903)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FBFF
RGB	194, 251, 255
RGB Percent	76%, 98%, 100%
CMY	0.2392, 0.0157, 0.0000
CMYK	0.24, 0.02, 0.00, 0.00
HSL	184°, 100%, 88%
HSV	184°, 24%, 100%
XYZ	74.7953, 87.6837, 107.5903
YIQ	234.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

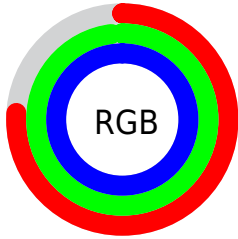
Format	Color
RYB	194, 223, 255
Decimal	12778495
CIELab	95.03, -16.95, -7.78
CIELCh	95, 18.650, 204.651
Yxy	87.6837, 0.2769, 0.3247
Android (android.graphics.Color)	4290968575 (0xFFC2FBFF)
YUV	234.4130, 10.1494, -35.4422
Hunter-Lab	93.6396, -21.2911, -2.5755

Details

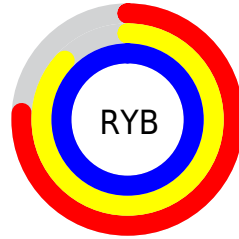
The XYZ color **74.7953, 87.6837, 107.5903** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1715, 65.5424, 59.9404**, and the grayscale version is **78.4662, 82.5525, 89.8997**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **40.1323, 48.1498, 60.6047** is the 20% darker color. If you saturate the color by 10%, you get **68.2850, 83.5586, 107.1372**, and if you desaturate by 10%, it is **82.4377, 92.4038, 108.0985**.

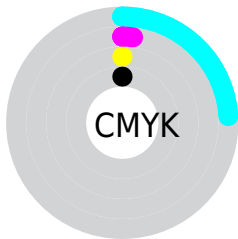
Distribution



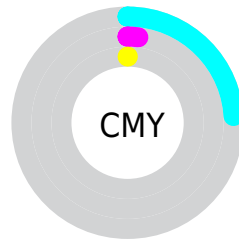
- Red (76%)
- Green (98%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7953, 87.6837, 107.5903 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 74.7953, 87.6837, 107.5903 by changing the saturation by 10% instead.

74.7953, 87.6837,
107.5903

74.7953, 87.6837,
107.5903

466.2217,
520.4669, 605.7166

55.7388, 66.0611,
82.0024

125.0120,
144.1167, 173.6921

40.2297, 48.3220,
60.8317

156.9029,
179.6960, 215.0430

27.9027, 34.0820,
43.6596

193.8027,
220.6963, 262.4853

18.3924, 22.9566,
30.0678

236.0767,
267.5020, 316.4375

11.3335, 14.5615,
19.6376

284.0902,
320.4975, 377.3182

6.3605, 8.5122,
11.9504

338.2087,

3.1083, 4.4244,

380.0672, 445.5459

6.5878

398.7974,
446.5955, 521.5392

■ 1.2113, 1.9137,
3.1312

■ 0.1152, 0.5566,
1.1620

■ 74.7953, 87.6837,
107.5903

■ 74.7953, 87.6837,
107.5903

■ 68.2850, 83.5586,
107.1372

■ 82.4377, 92.4038,
108.0985

■ 62.8426, 79.9886,
106.7349

■ 91.2587, 97.7359,
108.6628

■ 58.4080, 76.9450,
106.3812

95.0500, 100.0000,
108.9000

■ 54.9123, 74.3922,
106.0727

■ 52.2780, 72.2902,
105.8058

■ 50.4151, 70.5926,
105.5763

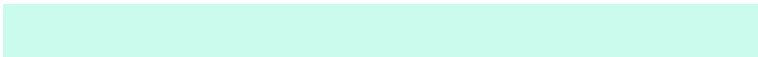
■ 49.2138, 69.2428,
105.3791

■ 48.7115, 68.5430,
105.2705

Harmonies

Analogous

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



74.0114, 87.6837, 92.8947



74.7953, 87.6837, 107.5903



77.8298, 87.6837, 120.0887

Triad

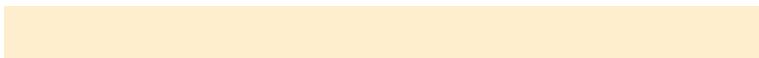
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7953, 87.6837, 107.5903



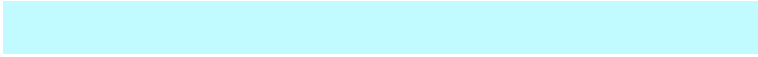
91.5430, 87.6837, 112.5439



84.2524, 87.6837, 70.2979

Complementary

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



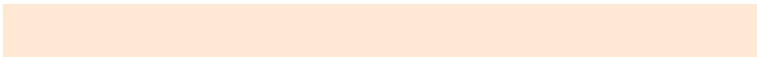
74.7953, 87.6837, 107.5903



71.1715, 65.5424, 59.9404

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.



89.1059, 87.6837, 74.4736



74.7953, 87.6837, 107.5903



93.4228, 87.6837, 98.0978

Square

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



74.7953, 87.6837, 107.5903



87.4709, 87.6837, 123.1456



92.5134, 87.6837, 84.3008



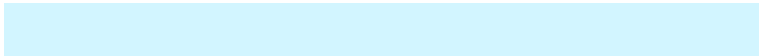
79.3426, 87.6837, 72.2909

Rectangle

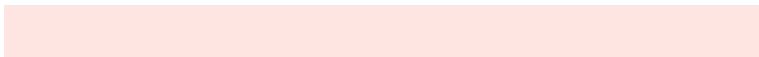
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



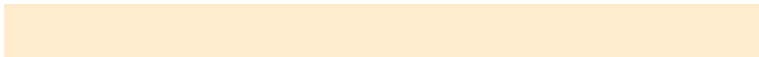
74.7953, 87.6837, 107.5903



80.7881, 87.6837, 124.9886



92.5134, 87.6837, 84.3008



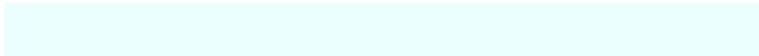
85.9465, 87.6837, 71.0128

Sweetspot

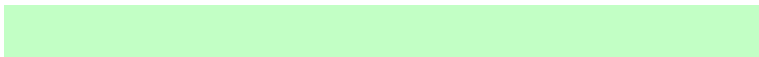
The Sweet Spot groups the original color and five complimentary colors.



74.7976, 87.6871, 107.5908



88.4133, 96.0267, 108.4829



68.0930, 87.0234, 66.0633



18.8076, 20.4835, 23.2124



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.



74.7976, 87.6871, 107.5908



71.3521, 85.5183, 107.3538



66.2747, 70.6414, 104.7498



18.4470, 20.2656, 23.1893



25.4963, 35.9022, 55.0206



2.5120, 3.5547, 5.3670

Inverse Universe

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



77.9458, 66.8102, 100.0583



75.0539, 61.2400, 98.4360



78.5980, 80.3954, 62.4159



18.7383, 18.2786, 22.5049



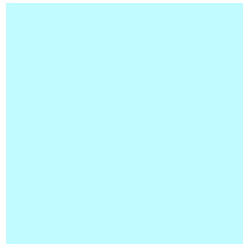
29.6576, 14.3523, 43.7087



2.9025, 1.4034, 4.3341

Previews

White Background



This preview shows how the XYZ color 74.7953, 87.6837, 107.5903 looks on a white background.

Color Contrast Check

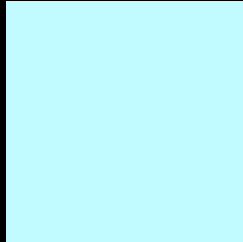
Large Text (above 18pt) WCAG AA × Fail

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 74.7953, 87.6837, 107.5903 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 74.7953, 87.6837, 107.5903

Background



This preview shows how black text looks on a background with the XYZ color 74.7953, 87.6837, 107.5903.

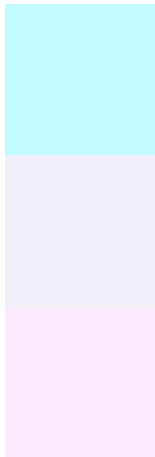


This preview shows how white text looks on a background with the XYZ color 74.7953, 87.6837,

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

74.7953, 87.6837, 107.5903

Protanopia

84.4277, 87.3876, 101.2246

Deuteranopia

87.9032, 87.3321, 106.8315



Tritanopia

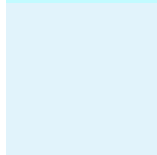
80.2176, 87.7405, 107.3154

Trichromacy



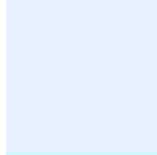
Original Color

74.7953, 87.6837, 107.5903



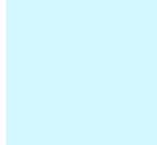
Protanomaly

80.5145, 87.0738, 103.8301



Deuteranomaly

82.4603, 87.1195, 107.0774



Tritanomaly

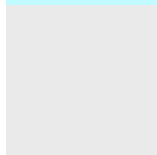
78.1747, 87.5904, 107.3941

Monochromacy



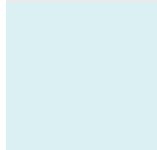
Original Color

74.7953, 87.6837, 107.5903



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.4005, 83.7911, 96.1510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7953, 87.6837, 107.5903 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(194, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 251, 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(194, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.7953, 87.6837, 107.5903 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(194, 251, 255) }
```


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

```
.border{ border-color:rgb(194, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7953, 87.6837, 107.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 251, 255) }
```

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

```
.background{ background-color: rgb(194,  
251, 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