

Converting Colors

XYZ(74.4417, 86.9876,
107.4745)

Have a look what the booklet for
XYZ(74.4417, 86.9876, 107.4745)
contains.

XYZ(74.4837, 87.0605, 107.4864)	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(74.4837, 87.0605,
107.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FAFF
RGB	194, 250, 255
RGB Percent	76%, 98%, 100%
CMY	0.2392, 0.0196, 0.0000
CMYK	0.24, 0.02, 0.00, 0.00
HSL	185°, 100%, 88%
HSV	185°, 24%, 100%
XYZ	74.4837, 87.0605, 107.4864
YIQ	233.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

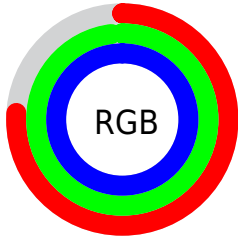
Format	Color
RYB	194, 223, 255
Decimal	12778239
CIELab	94.76, -16.46, -8.17
CIElCh	95, 18.372, 206.401
Yxy	87.0605, 0.2769, 0.3236
Android (android.graphics.Color)	4290968319 (0xFFC2FAFF)
YUV	233.8260, 10.4388, -34.9274
Hunter-Lab	93.3062, -20.7944, -2.9862

Details

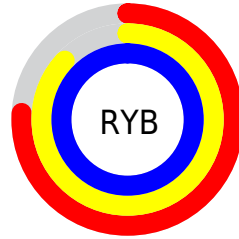
The XYZ color **74.4837, 87.0605, 107.4864** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.4009, 66.0011, 60.0169**, and the grayscale version is **78.0195, 82.0826, 89.3880**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.9105, 47.7061, 60.5308** is the 20% darker color. If you saturate the color by 10%, you get **67.8475, 82.6836, 106.9913**, and if you desaturate by 10%, it is **82.2546, 92.0375, 108.0375**.

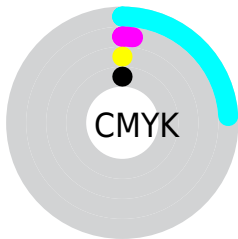
Distribution



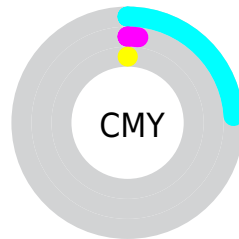
- Red (76%)
- Green (98%)
- Blue (100%)



- 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 74.4837, 87.0605, 107.4864 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 74.4837, 87.0605, 107.4864 by changing the saturation by 10% instead.

74.4837, 87.0605,
107.4864

74.4837, 87.0605,
107.4864

465.1657,
518.4216, 605.3878

55.4827, 65.5453,
81.9157

124.5731,
143.2485, 173.5491

40.0237, 47.9034,
60.7606

156.3922,
178.6900, 214.8781

27.7413, 33.7504,
43.6027

193.2146,
219.5424, 262.2969

18.2702, 22.7019,
30.0234

235.4059,
266.1901, 316.2242

11.2450, 14.3735,
19.6041

283.3313,
319.0175, 377.0783

6.3004, 8.3809,
11.9264

337.3561,

3.0710, 4.3396,

378.4089, 445.2780

6.5717

397.8458,
444.7489, 521.2416

■ 1.1914, 1.8653,
3.1213

■ 0.0996, 0.5274,
1.1569

■ 74.4837, 87.0605,
107.4864

■ 74.4837, 87.0605,
107.4864

■ 67.8475, 82.6836,
106.9913

■ 82.2546, 92.0375,
108.0375

■ 62.2818, 78.8670,
106.5480

■ 91.2066, 97.6318,
108.6455

■ 57.7264, 75.5819,
106.1540

95.0500, 100.0000,
108.9000

■ 54.1125, 72.7926,
105.8061

■ 51.3626, 70.4593,
105.5007

■ 49.3866, 68.5354,
105.2335

■ 48.0746, 66.9644,
104.9994

■ 47.5063, 66.1325,
104.8688

Harmonies

Analogous

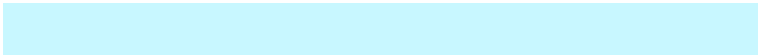
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5762, 87.0605, 93.0871



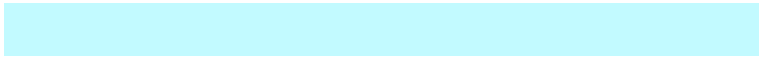
74.4837, 87.0605, 107.4864



77.5740, 87.0605, 119.4557

Triad

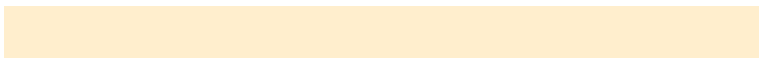
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4837, 87.0605, 107.4864



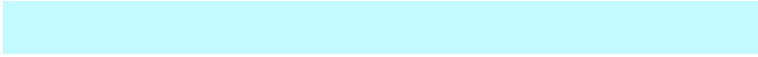
90.9627, 87.0605, 110.7534



83.3495, 87.0605, 70.0280

Complementary

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



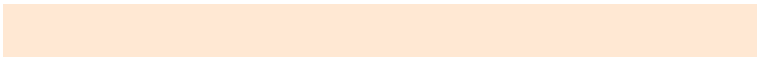
74.4837, 87.0605, 107.4864



71.4009, 66.0011, 60.0169

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.



88.1479, 87.0605, 73.7842



74.4837, 87.0605, 107.4864



92.6529, 87.0605, 96.5218

Square

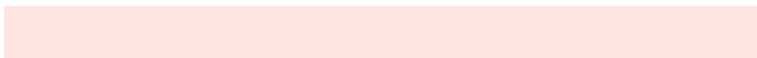
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4837, 87.0605, 107.4864



87.0690, 87.0605, 121.4705



91.6029, 87.0605, 83.1425



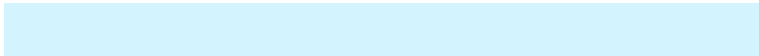
78.5731, 87.0605, 72.3406

Rectangle

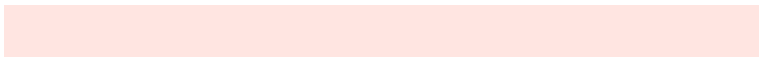
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



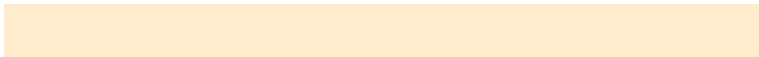
74.4837, 87.0605, 107.4864



80.5226, 87.0605, 123.9485



91.6029, 87.0605, 83.1425



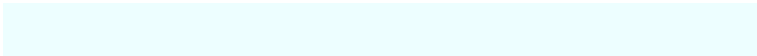
85.0148, 87.0605, 70.6123

Sweetspot

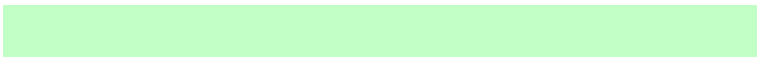
The Sweet Spot groups the original color and five complimentary colors.



74.4860, 87.0639, 107.4869



88.3206, 95.8412, 108.4520



68.2099, 87.0701, 66.6792



18.7861, 20.4404, 23.2052



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.



74.4860, 87.0639, 107.4869



70.9762, 84.7666, 107.2285



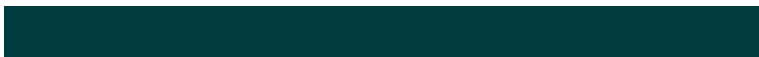
66.0064, 70.1048, 104.6604



18.4201, 20.2119, 23.1804



24.8762, 34.6620, 54.8139



2.4582, 3.4471, 5.3491

Inverse Universe

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



77.7885, 66.7473, 99.2301



74.8642, 61.1641, 97.4369



78.8778, 80.9550, 62.5092



18.7247, 18.2732, 22.4334



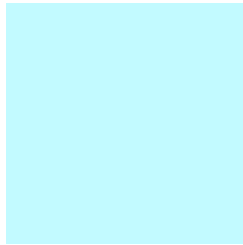
29.3446, 14.2271, 42.0604



2.8754, 1.3925, 4.1912

Previews

White Background



This preview shows how the XYZ color 74.4837, 87.0605, 107.4864 looks on a white background.

Color Contrast Check

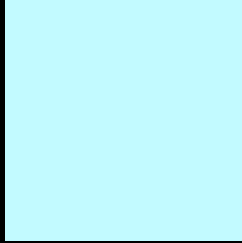
Large Text (above 18pt) WCAG AA × Fail

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 74.4837, 87.0605, 107.4864 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 74.4837, 87.0605, 107.4864

Background



This preview shows how black text looks on a background with the XYZ color 74.4837, 87.0605, 107.4864.

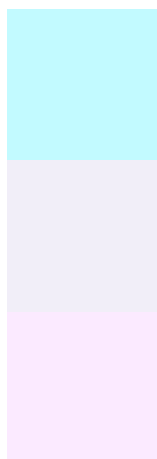


This preview shows how white text looks on a background with the XYZ color 74.4837, 87.0605,

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

74.4837, 87.0605, 107.4864

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

87.2565, 86.5749, 106.7195



Tritanopia

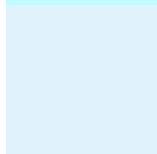
79.3141, 86.8268, 107.1867

Trichromacy



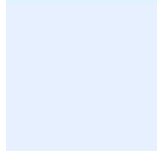
Original Color

74.4837, 87.0605, 107.4864



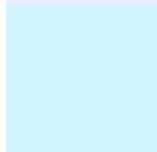
Protanomaly

79.9052, 86.3166, 103.7161



Deuteranomaly

81.8432, 86.3632, 106.9639



Tritanomaly

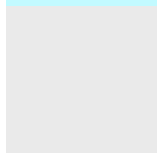
77.3003, 86.6868, 107.2658

Monochromacy



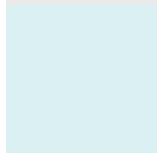
Original Color

74.4837, 87.0605, 107.4864



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 74.4837, 87.0605, 107.4864 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, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 250, 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, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4837, 87.0605, 107.4864 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, 250, 255) }
```


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

```
.border{ border-color:rgb(194, 250, 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, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4837, 87.0605, 107.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 250, 255) }
```

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

```
.background{ background-color: rgb(194,  
250, 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