

Converting Colors

XYZ(77.6920, 96.8112, 88.8683)

Have a look what the booklet for
XYZ(77.6920, 96.8112, 88.8683)
contains.

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Color

**XYZ(73.9903, 89.5947,
87.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFE5
RGB	201, 255, 229
RGB Percent	79%, 100%, 90%
CMY	0.2118, 0.0000, 0.1020
CMYK	0.21, 0.00, 0.10, 0.00
HSL	151°, 100%, 89%
HSV	151°, 21%, 100%
XYZ	73.9903, 89.5947, 87.5225
YIQ	235.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

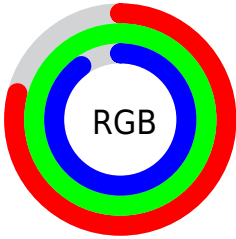
Format	Color
R_{YB}	201, 237, 255
Decimal	13238245
CIE _{Lab}	95.83, -22.06, 6.85
CIE _{LCh}	96, 23.102, 162.755
Yxy	89.5947, 0.2947, 0.3568
Android (android.graphics.Color)	4291428325 (0xFFC9FFE5)
YUV	235.8900, -3.3968, -30.5985
Hunter-Lab	94.6545, -26.1140, 11.4355

Details

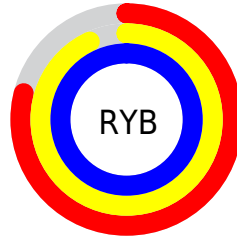
The XYZ color **73.9903, 89.5947, 87.5225** is a light color, and the websafe version is hex **CCFFCC**, and the color name is **aero blue**. A complement of this color would be **75.9923, 68.5804, 81.9054**, and the grayscale version is **79.6826, 83.8323, 91.2934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6881, 49.5552, 47.5177** is the 20% darker color. If you saturate the color by 10%, you get **66.0407, 85.6876, 78.5165**, and if you desaturate by 10%, it is **83.2007, 94.1376, 97.2232**.

Distribution



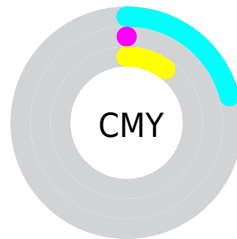
- Red (79%)
- Green (100%)
- Blue (90%)



- Red (79%)
- Yellow (93%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (21%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9903, 89.5947, 87.5225 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 73.9903, 89.5947, 87.5225 by changing the saturation by 10% instead.


 73.9903, 89.5947,
87.5225

 73.9903, 89.5947,
87.5225

463.4907,
526.7115, 540.2990

 55.0774, 67.6445,
65.3656


123.8776,
146.7753, 145.7975

 39.6977, 49.6086,
47.3044


155.5827,
182.7745, 182.7526

 27.4861, 35.1025,
32.9203


192.2826,
224.2255, 225.4776

 18.0771, 23.7418,
21.7948

234.3426,
271.5127, 274.3910

 11.1054, 15.1422,
13.5093

282.1280,
325.0206, 329.9113

 6.2056, 8.9193,
7.6453

336.0043,

 3.0123, 4.6886,

385.1334, 392.4570

3.7844

396.3367,
452.2356, 462.4467

■ 1.1603, 2.0657,
1.5078

■ 0.0747, 0.6452,
0.2237

■ 73.9903, 89.5947,
87.5225

■ 73.9903, 89.5947,
87.5225

■ 66.0407, 85.6876,
78.5165

■ 83.2007, 94.1376,
97.2232

■ 59.2909, 82.3854,
70.1853

■ 93.7241, 99.3432,
107.6295

■ 53.6782, 79.6559,
62.5138

■ 95.0500, 100.0000,
108.9000

■ 49.1331, 77.4637,
55.4849

■ 45.5779, 75.7690,
49.0806

■ 42.9238, 74.5263,
43.2819

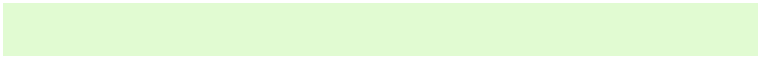
■ 41.0645, 73.6813,
38.0681

■ 39.9403, 73.1921,
33.9334

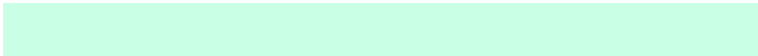
Harmonies

Analogous

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



77.1124, 89.5947, 74.0041



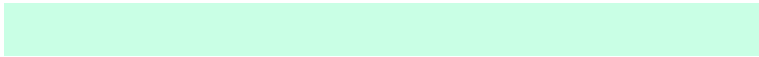
73.9903, 89.5947, 87.5225



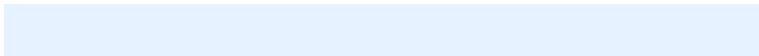
73.7645, 89.5947, 105.5022

Triad

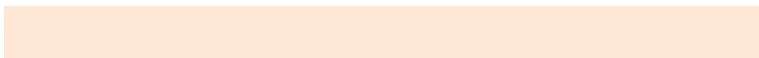
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9903, 89.5947, 87.5225



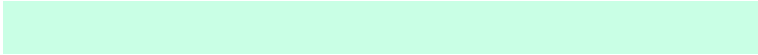
87.8891, 89.5947, 135.9074



94.4677, 89.5947, 75.6317

Complementary

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



73.9903, 89.5947, 87.5225



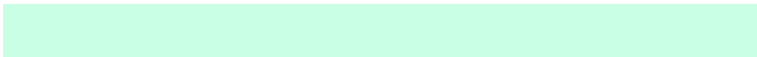
75.9923, 68.5804, 81.9054

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.



97.6662, 89.5947, 90.0142



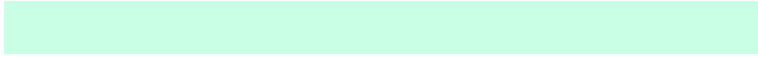
73.9903, 89.5947, 87.5225



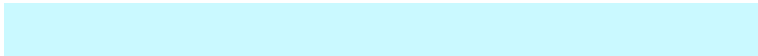
93.7427, 89.5947, 125.6334

Square

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



73.9903, 89.5947, 87.5225



81.5785, 89.5947, 135.0224



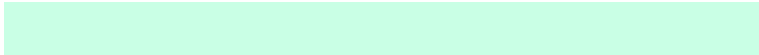
97.3944, 89.5947, 108.3228



88.8388, 89.5947, 67.7493

Rectangle

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



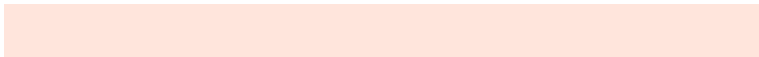
73.9903, 89.5947, 87.5225



75.2692, 89.5947, 117.7828



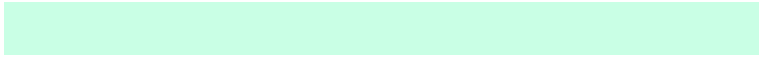
97.3944, 89.5947, 108.3228



95.8751, 89.5947, 79.7840

Sweetspot

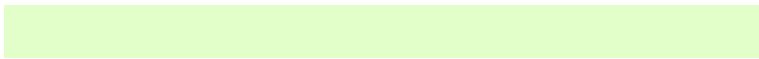
The Sweet Spot groups the original color and five complimentary colors.



73.9911, 89.5951, 87.5239



88.4799, 96.7474, 102.5199



78.0133, 92.0845, 68.9220



18.7915, 20.6353, 21.7982



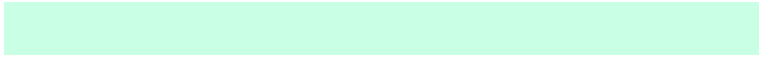
0.0000, 0.0000, 0.0000



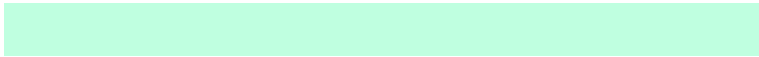
20.3446, 21.4041, 23.3091

Same Dimension

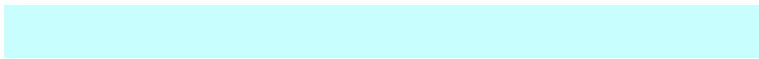
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9911, 89.5951, 87.5239



70.8050, 88.0273, 83.9983



77.6116, 90.5849, 108.0018



18.1649, 20.3255, 21.1714



20.9456, 38.2748, 18.1308



2.0946, 3.7488, 2.0562

Inverse Universe

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



75.9923, 68.5804, 81.9054



73.1026, 63.9016, 77.5489



72.8805, 67.6723, 64.4805



18.3737, 18.1328, 20.5850



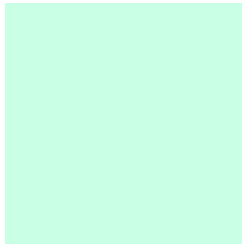
23.4841, 11.8829, 11.1996



2.3414, 1.1789, 1.3794

Previews

White Background



This preview shows how the XYZ color 73.9903, 89.5947, 87.5225 looks on a white background.

Color Contrast Check

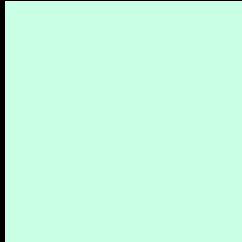
Large Text (above 18pt) WCAG AA × Fail

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 73.9903, 89.5947, 87.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

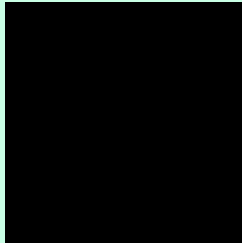
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

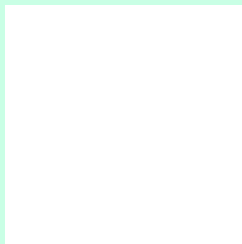
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9903, 89.5947, 87.5225

Background



This preview shows how black text looks on a background with the XYZ color 73.9903, 89.5947, 87.5225.



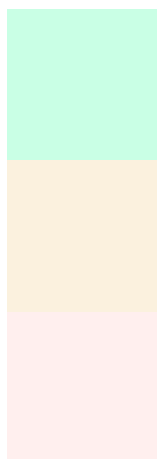
This preview shows how white text looks on a background with the XYZ color 73.9903, 89.5947,

87.5225.

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

73.9903, 89.5947, 87.5225

Protanopia

84.4238, 88.6937, 81.7772

Deuteranopia

87.5391, 89.1661, 93.4859



Tritanopia

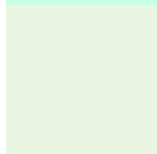
83.0007, 89.6255, 107.5326

Trichromacy



Original Color

73.9903, 89.5947, 87.5225



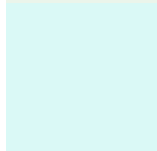
Protanomaly

80.1506, 88.6714, 84.1251



Deuteranomaly

81.9088, 88.9651, 91.4522



Tritanomaly

79.4237, 89.3106, 100.2414

Monochromacy



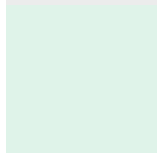
Original Color

73.9903, 89.5947, 87.5225



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1900, 85.6724, 89.5589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9903, 89.5947, 87.5225 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, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 229)  
}
```

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, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.9903, 89.5947, 87.5225 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, 255, 229) }
```


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

```
.border{ border-color:rgb(201, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9903, 89.5947, 87.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 229) }
```

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

```
.background{ background-color: rgb(201,  
255, 229) }
```

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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