

Converting Colors

XYZ(73.4617, 89.3238, 87.4256)

Have a look what the booklet for
XYZ(73.4617, 89.3238, 87.4256)
contains.

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Color

**XYZ(73.4560, 89.3193,
87.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFE5
RGB	199, 255, 229
RGB Percent	78%, 100%, 90%
CMY	0.2196, 0.0000, 0.1020
CMYK	0.22, 0.00, 0.10, 0.00
HSL	152°, 100%, 89%
HSV	152°, 22%, 100%
XYZ	73.4560, 89.3193, 87.4975
YIQ	235.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

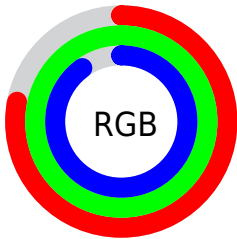
Format	Color
RYB	199, 235, 255
Decimal	13107173
CIELab	95.71, -22.68, 6.67
CIELCh	96, 23.639, 163.614
Yxy	89.3193, 0.2935, 0.3569
Android (android.graphics.Color)	4291297253 (0xFFC7FFE5)
YUV	235.2920, -3.1020, -31.8281
Hunter-Lab	94.5089, -26.6534, 11.2648

Details

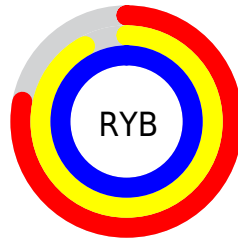
The XYZ color **73.4560, 89.3193, 87.4975** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.2544, 67.5439, 80.3050**, and the grayscale version is **79.2242, 83.3501, 90.7682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3357, 49.3735, 47.5012** is the 20% darker color. If you saturate the color by 10%, you get **65.6504, 85.4798, 78.7960**, and if you desaturate by 10%, it is **82.5096, 93.7889, 96.8487**.

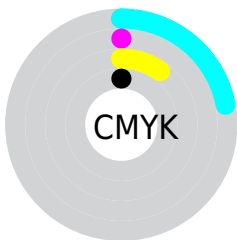
Distribution



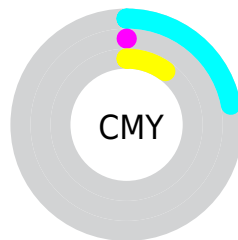
- Red (78%)
- Green (100%)
- Blue (90%)



- Red (78%)
- Yellow (92%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4560, 89.3193, 87.4975 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 73.4560, 89.3193, 87.4975 by changing the saturation by 10% instead.


 73.4560, 89.3193,
87.4975

 73.4560, 89.3193,
87.4975


461.6731,
525.8141, 540.2149

 54.6386, 67.4162,
65.3450

123.1240,
146.3925, 145.7623

 39.3452, 49.4229,
47.2878


154.7053,
182.3314, 182.7118

 27.2103, 34.9551,
32.9072


191.2720,
223.7177, 225.4306

 17.8686, 23.6283,
21.7849

233.1894,
270.9358, 274.3374

 10.9548, 15.0581,
13.5021

280.8228,
324.3701, 329.8507

 6.1035, 8.8602,
7.6404

334.5377,

 2.9494, 4.6501,

384.4050, 392.3890

3.7813

394.6993,
451.4248, 462.3709

■ 1.1271, 2.0435,
1.5061

■ 0.0476, 0.6325,
0.2225

■ 73.4560, 89.3193,
87.4975

■ 73.4560, 89.3193,
87.4975

■ 65.6504, 85.4798,
78.7960

■ 82.5096, 93.7889,
96.8487

■ 59.0317, 82.2395,
70.7255

■ 92.8636, 98.9158,
106.8592

■ 53.5372, 79.5663,
63.2726

■ 95.0500, 100.0000,
108.9000

■ 49.0970, 77.4243,
56.4214

■ 45.6330, 75.7737,
50.1556

■ 43.0557, 74.5684,
44.4576

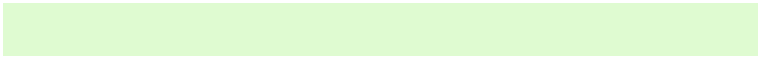
■ 41.2572, 73.7534,
39.3086

■ 40.2476, 73.3150,
35.5511

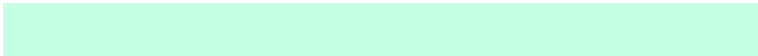
Harmonies

Analogous

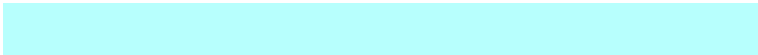
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5594, 89.3193, 73.5636



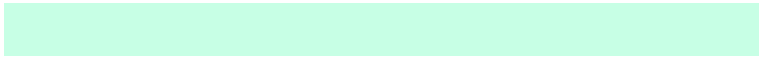
73.4560, 89.3193, 87.4975



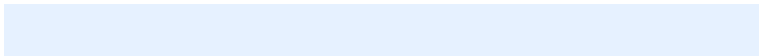
73.3140, 89.3193, 105.9280

Triad

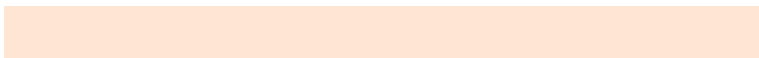
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4560, 89.3193, 87.4975



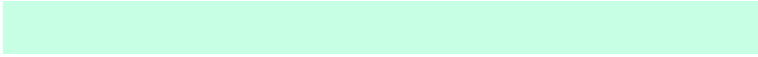
87.8725, 89.3193, 136.3722



94.2733, 89.3193, 74.5851

Complementary

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



73.4560, 89.3193, 87.4975



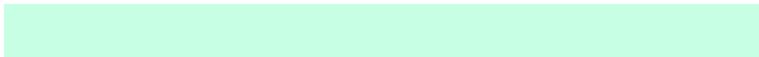
75.2544, 67.5439, 80.3050

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.



97.6363, 89.3193, 89.0661



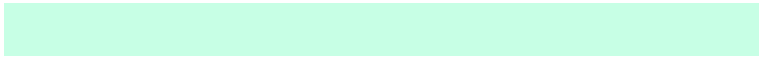
73.4560, 89.3193, 87.4975



93.8154, 89.3193, 125.5508

Square

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



73.4560, 89.3193, 87.4975



81.4167, 89.3193, 135.8114



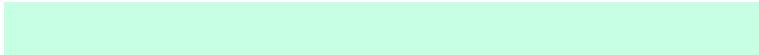
97.4646, 89.3193, 107.7091



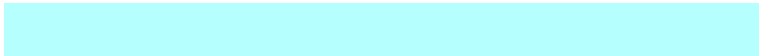
88.4716, 89.3193, 66.7859

Rectangle

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



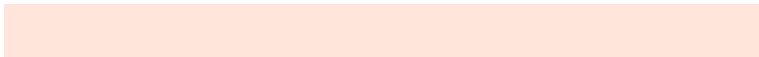
73.4560, 89.3193, 87.4975



74.9027, 89.3193, 118.4543



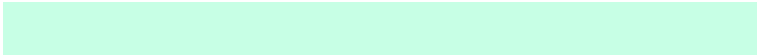
97.4646, 89.3193, 107.7091



95.7393, 89.3193, 78.7465

Sweetspot

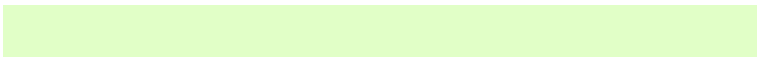
The Sweet Spot groups the original color and five complimentary colors.



73.4568, 89.3196, 87.4989



87.4794, 96.2480, 101.7306



77.1622, 91.6727, 67.6616



18.5910, 20.5351, 21.6455



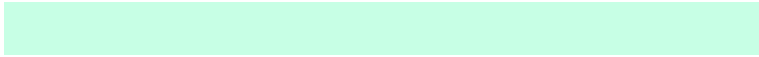
0.0000, 0.0000, 0.0000



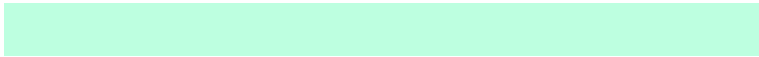
20.3446, 21.4041, 23.3091

Same Dimension

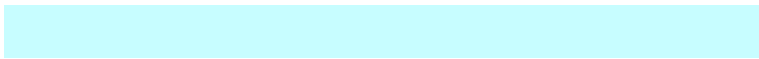
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4568, 89.3196, 87.4989



70.1562, 87.6942, 83.9059



76.7711, 89.6972, 107.8748



18.1784, 20.3309, 21.2425



21.1065, 38.3392, 18.9778



2.1103, 3.7550, 2.1385

Inverse Universe

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



75.2544, 67.5439, 80.3050



72.2227, 62.6661, 75.6395



72.4050, 67.0956, 63.1685



18.3603, 18.1274, 20.5143



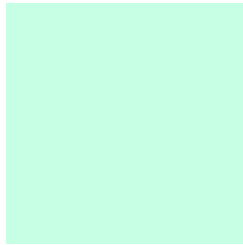
23.3432, 11.8266, 10.4577



2.3274, 1.1733, 1.3053

Previews

White Background



This preview shows how the XYZ color 73.4560, 89.3193, 87.4975 looks on a white background.

Color Contrast Check

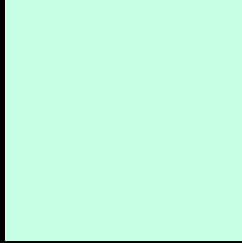
Large Text (above 18pt) WCAG AA × Fail

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 73.4560, 89.3193, 87.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

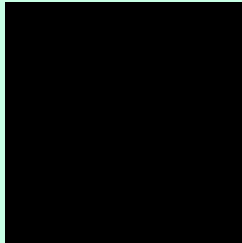
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

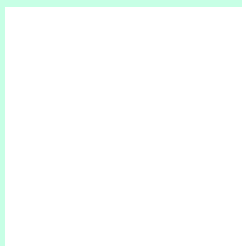
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4560, 89.3193, 87.4975

Background



This preview shows how black text looks on a background with the XYZ color 73.4560, 89.3193, 87.4975.

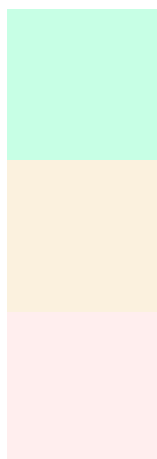


This preview shows how white text looks on a background with the XYZ color 73.4560, 89.3193,

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

73.4560, 89.3193, 87.4975

Protanopia

84.4238, 88.6937, 81.7772

Deuteranopia

87.2472, 88.5821, 93.3886



Tritanopia

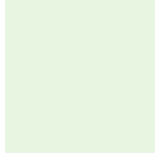
82.0664, 88.6936, 107.4019

Trichromacy



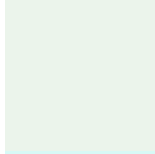
Original Color

73.4560, 89.3193, 87.4975



Protanomaly

79.8251, 88.5036, 84.1098



Deuteranomaly

81.6070, 88.3617, 91.3516



Tritanomaly

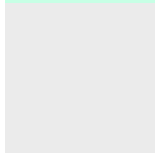
78.8291, 89.0041, 100.2136

Monochromacy



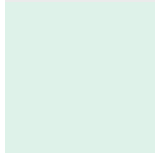
Original Color

73.4560, 89.3193, 87.4975



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.5843, 84.9170, 89.4450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4560, 89.3193, 87.4975 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(199, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.4560, 89.3193, 87.4975 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(199, 255, 229) }
```


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

```
.border{ border-color:rgb(199, 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(199, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4560, 89.3193, 87.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 229) }
```

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

```
.background{ background-color: rgb(199,  
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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