

Converting Colors

XYZ(73.9736, 87.1948, 89.5150)

Have a look what the booklet for
XYZ(73.9736, 87.1948, 89.5150)
contains.

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Color

**XYZ(73.9279, 87.1765,
89.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFAE8
RGB	205, 250, 232
RGB Percent	80%, 98%, 91%
CMY	0.1961, 0.0196, 0.0902
CMYK	0.18, 0.00, 0.07, 0.02
HSL	156°, 82%, 89%
HSV	156°, 18%, 98%
XYZ	73.9279, 87.1765, 89.2743
YIQ	234.4930, -21.0420, -15.1380

Conversions

Conversions Part 2

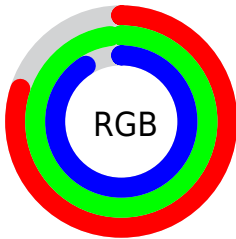
Format	Color
R _Y B	205, 233, 250
Decimal	13499112
CIE Lab	94.81, -17.82, 3.87
CIE LCh	95, 18.231, 167.758
Yxy	87.1765, 0.2953, 0.3482
Android (android.graphics.Color)	4291689192 (0xFFCDAE8)
YUV	234.4930, -1.2290, -25.8654
Hunter-Lab	93.3684, -22.0606, 8.6676

Details

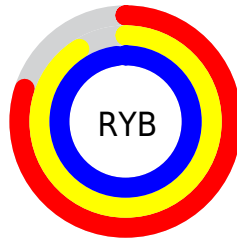
The XYZ color **73.9279, 87.1765, 89.2743** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5780, 69.3165, 79.2645**, and the grayscale version is **78.6028, 82.6963, 90.0562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4841, 47.7585, 48.2116** is the 20% darker color. If you saturate the color by 10%, you get **66.1948, 83.3519, 81.7073**, and if you desaturate by 10%, it is **82.8486, 91.6088, 97.3226**.

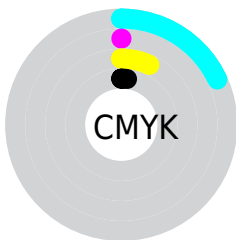
Distribution



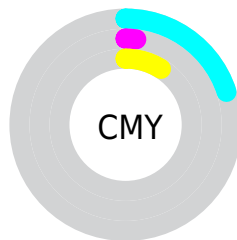
- Red (80%)
- Green (98%)
- Blue (91%)



- Red (80%)
- Yellow (91%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9279, 87.1765, 89.2743 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 73.9279, 87.1765, 89.2743 by changing the saturation by 10% instead.

73.9279, 87.1765,
89.2743

73.9279, 87.1765,
89.2743

463.2786,
518.8027, 546.1764

55.0261, 65.6413,
66.8086

123.7896,
143.4101, 148.2567

39.6565, 47.9813,
48.4685

155.4803,
178.8773, 185.6104

27.4539, 33.8120,
33.8354

192.1646,
219.7573, 228.7638

18.0527, 22.7492,
22.4908

234.2080,
266.4344, 278.1356

11.0878, 14.4085,
14.0163

281.9757,
319.2932, 334.1442

6.1936, 8.4053,
7.9931

335.8331,

3.0050, 4.3554,

378.7178, 397.2082

4.0028

396.1457,
445.0929, 467.7461

■ 1.1564, 1.8743,
1.6269

■ 0.0715, 0.5328,
0.3099

■ 73.9279, 87.1765,
89.2743

■ 73.9279, 87.1765,
89.2743

■ 66.1948, 83.3519,
81.7073

■ 82.8486, 91.6088,
97.3226

■ 59.5885, 80.0965,
74.6064

■ 92.9986, 96.6630,
105.8555

■ 54.0536, 77.3845,
67.9636

■ 93.4772, 96.8544,
108.3757

■ 49.5270, 75.1833,
61.7687

■ 45.9384, 73.4571,
56.0109

■ 43.2085, 72.1649,
50.6786

■ 41.2435, 71.2588,
45.7596

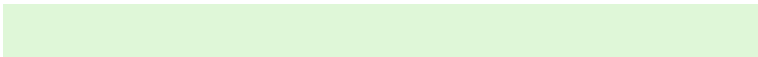
■ 39.9166, 70.6734,
41.2396

■ 39.6916, 70.5762,
40.3814

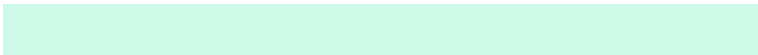
Harmonies

Analogous

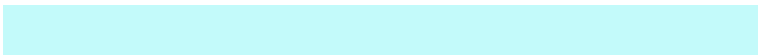
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0311, 87.1765, 77.7996



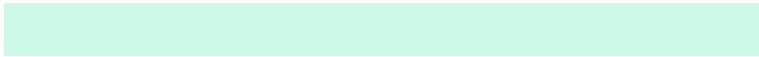
73.9279, 87.1765, 89.2743



74.1471, 87.1765, 103.4516

Triad

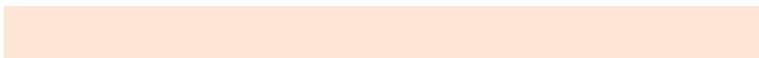
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9279, 87.1765, 89.2743



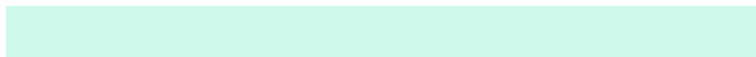
85.7863, 87.1765, 123.2219



89.4022, 87.1765, 76.1915

Complementary

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



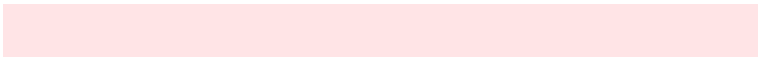
73.9279, 87.1765, 89.2743



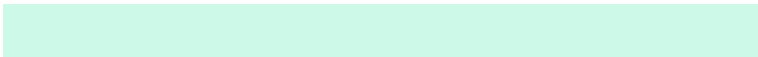
74.5780, 69.3165, 79.2645

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.



92.2271, 87.1765, 86.8716



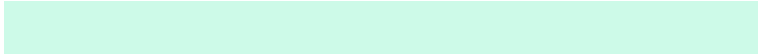
73.9279, 87.1765, 89.2743



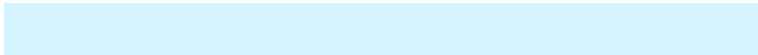
90.0831, 87.1765, 114.3849

Square

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



73.9279, 87.1765, 89.2743



80.8630, 87.1765, 124.0290



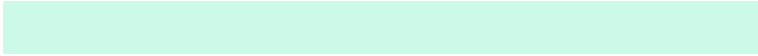
92.4811, 87.1765, 100.7997



84.8869, 87.1765, 70.7646

Rectangle

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



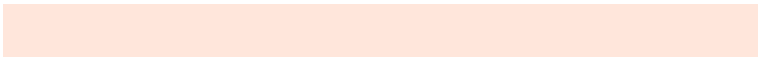
73.9279, 87.1765, 89.2743



75.5814, 87.1765, 112.5504



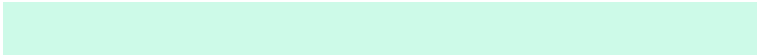
92.4811, 87.1765, 100.7997



90.5886, 87.1765, 79.2349

Sweetspot

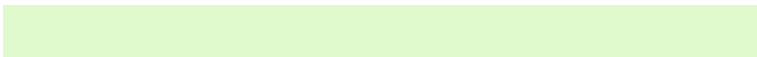
The Sweet Spot groups the original color and five complimentary colors.



73.9303, 87.1801, 89.2762



89.7034, 97.3373, 104.4199



75.8710, 88.5902, 70.8596



19.0450, 20.7570, 22.2176



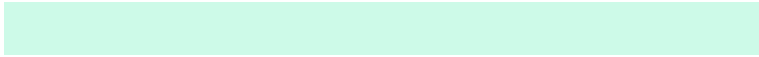
0.0000, 0.0000, 0.0000



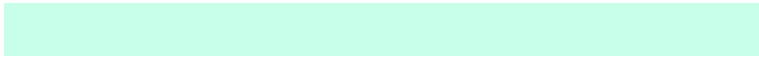
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9303, 87.1801, 89.2762



73.9315, 89.5064, 90.1397



75.4669, 85.9486, 103.0589



17.4546, 19.4841, 20.5947



21.1257, 37.4633, 21.8030



2.0089, 3.4907, 2.2950

Inverse Universe

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



74.5780, 69.3165, 79.2645



74.7373, 67.2996, 77.6971



73.1856, 70.2123, 67.4539



17.5323, 17.3403, 19.3927



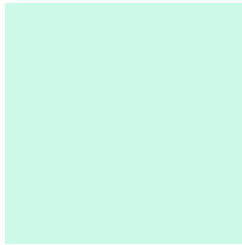
22.1987, 11.2952, 7.7548



2.1067, 1.0664, 0.9855

Previews

White Background



This preview shows how the XYZ color 73.9279, 87.1765, 89.2743 looks on a white background.

Color Contrast Check

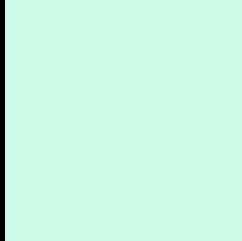
Large Text (above 18pt) WCAG AA × Fail

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 73.9279, 87.1765, 89.2743 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

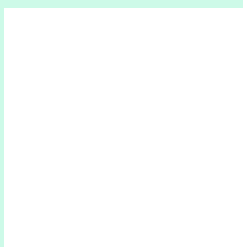
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9279, 87.1765, 89.2743

Background



This preview shows how black text looks on a background with the XYZ color 73.9279, 87.1765, 89.2743.



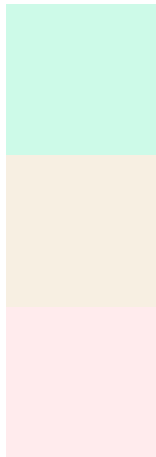
This preview shows how white text looks on a background with the XYZ color 73.9279, 87.1765,

89.2743.

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

73.9279, 87.1765, 89.2743

Protanopia

82.9517, 86.9981, 84.3718

Deuteranopia

86.2344, 86.7911, 92.3281



Tritanopia

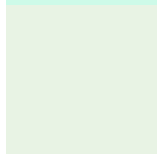
80.5320, 87.0092, 107.1577

Trichromacy



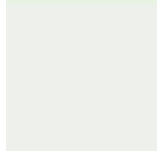
Original Color

73.9279, 87.1765, 89.2743



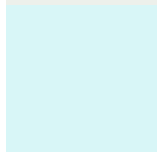
Protanomaly

79.3329, 86.8584, 85.9829



Deuteranomaly

81.0805, 86.3229, 90.9858



Tritanomaly

78.0632, 87.2259, 100.7176

Monochromacy



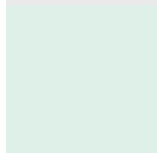
Original Color

73.9279, 87.1765, 89.2743



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.2995, 83.8913, 89.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9279, 87.1765, 89.2743 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(205, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(205, 250, 232)  
}
```

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(205, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 250, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.9279, 87.1765, 89.2743 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(205, 250, 232) }
```


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

```
.border{ border-color:rgb(205, 250, 232) }
```

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

Here you see how a box with a 4 pixel rgb(205, 250, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(205, 250,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9279, 87.1765, 89.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 250, 232) }
```

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

```
.background{ background-color: rgb(205,  
250, 232) }
```

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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