

Converting Colors

XYZ(69.1227, 87.3826, 73.8655)

Have a look what the booklet for
XYZ(69.1227, 87.3826, 73.8655)
contains.

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Color

**XYZ(69.0069, 87.3299,
73.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFD1
RGB	192, 255, 209
RGB Percent	75%, 100%, 82%
CMY	0.2471, 0.0000, 0.1804
CMYK	0.25, 0.00, 0.18, 0.00
HSL	136°, 100%, 88%
HSV	136°, 25%, 100%
XYZ	69.0069, 87.3299, 73.5409
YIQ	230.9190, -22.7820, -27.6620

Conversions

Conversions Part 2

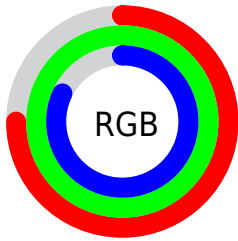
Format	Color
RYB	192, 242, 255
Decimal	12648401
CIELab	94.88, -28.53, 15.69
CIELCh	95, 32.565, 151.192
Yxy	87.3299, 0.3002, 0.3799
Android (android.graphics.Color)	4290838481 (0xFFC0FFD1)
YUV	230.9190, -10.8061, -34.1320
Hunter-Lab	93.4505, -31.7280, 18.7570

Details

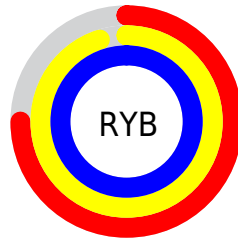
The XYZ color **69.0069, 87.3299, 73.5409** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.5227, 65.1332, 89.4803**, and the grayscale version is **75.9851, 79.9422, 87.0571**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **36.3433, 48.0396, 37.9289** is the 20% darker color. If you saturate the color by 10%, you get **60.9276, 83.4158, 61.8248**, and if you desaturate by 10%, it is **78.4757, 91.9292, 86.7311**.

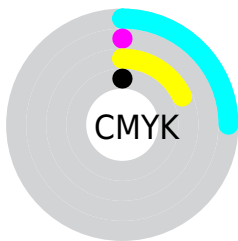
Distribution



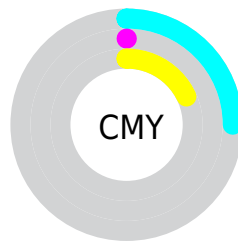
- Red (75%)
- Green (100%)
- Blue (82%)



- Red (75%)
- Yellow (95%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0069, 87.3299, 73.5409 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 69.0069, 87.3299, 73.5409 by changing the saturation by 10% instead.


 69.0069, 87.3299,
73.5409

 69.0069, 87.3299,
73.5409


446.3763,
519.3063, 492.0083

 50.9940, 65.7682,
53.9239


 116.8254,
143.6239, 125.9728

 36.4248, 48.0843,
38.1480


147.3618,
179.1250, 159.6248

 24.9341, 33.8936,
25.7949


182.8033,
220.0414, 198.7921

 16.1564, 22.8119,
16.4459

223.5154,
266.7574, 243.8933

 9.7265, 14.4547,
9.6824

269.8634,
319.6576, 295.3470

 5.2789, 8.4376,
5.0861

322.2126,

 2.4482, 4.3762,

379.1262, 353.5717

2.2382

380.9285,
445.5476, 418.9860

■ 0.8692, 1.8862,
0.6963

■ 0.0000, 0.5400,
0.0000

■ 69.0069, 87.3299,
73.5409

■ 69.0069, 87.3299,
73.5409

■ 60.9276, 83.4158,
61.8248

■ 78.4757, 91.9292,
86.7311

■ 54.1686, 80.1524,
51.5272

■ 89.3942, 97.2436,
101.4401

■ 48.6582, 77.5037,
42.5953

95.0500, 100.0000,
108.9000

■ 44.3166, 75.4297,
34.9711

■ 41.0542, 73.8857,
28.5926

■ 38.7680, 72.8198,
23.3925

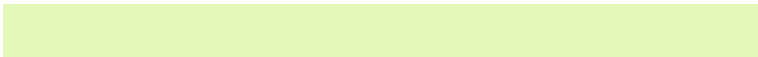
■ 37.3328, 72.1692,
19.2968

■ 36.8284, 71.9473,
17.5459

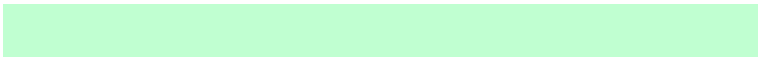
Harmonies

Analogous

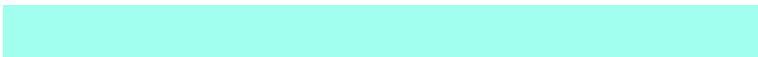
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5233, 87.3299, 59.2819



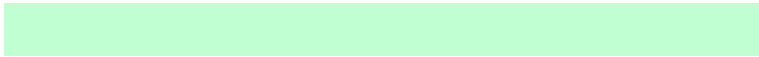
69.0069, 87.3299, 73.5409



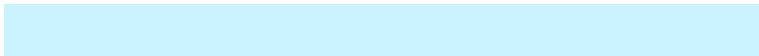
67.1701, 87.3299, 96.1019

Triad

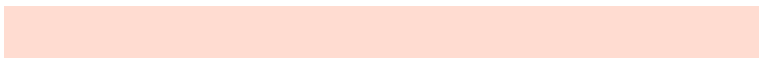
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0069, 87.3299, 73.5409



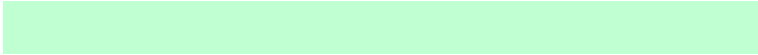
83.3579, 87.3299, 152.4144



98.3815, 87.3299, 72.0755

Complementary

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



69.0069, 87.3299, 73.5409



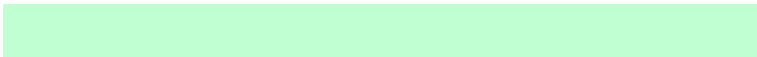
75.5227, 65.1332, 89.4803

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.



101.1501, 87.3299, 94.0801



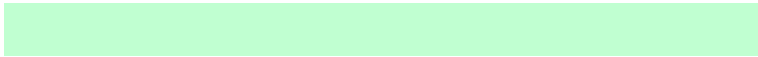
69.0069, 87.3299, 73.5409



92.1058, 87.3299, 143.0078

Square

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



69.0069, 87.3299, 73.5409



75.0938, 87.3299, 144.3389



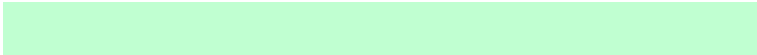
98.7774, 87.3299, 120.4782



91.4521, 87.3299, 58.5472

Rectangle

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



69.0069, 87.3299, 73.5409



68.1682, 87.3299, 113.7577



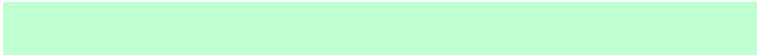
98.7774, 87.3299, 120.4782



99.8508, 87.3299, 78.5806

Sweetspot

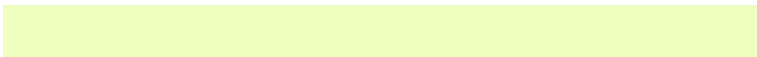
The Sweet Spot groups the original color and five complimentary colors.



69.0076, 87.3303, 73.5423



86.7572, 95.9592, 97.9277



80.6019, 93.5377, 63.6768



18.4240, 20.4683, 20.7657



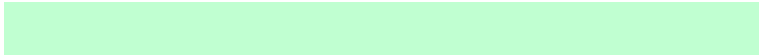
0.0000, 0.0000, 0.0000



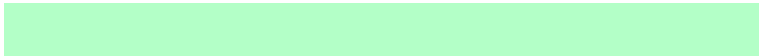
20.3446, 21.4041, 23.3091

Same Dimension

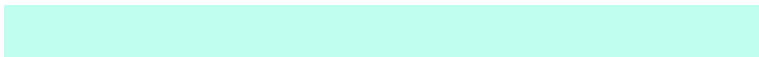
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0076, 87.3303, 73.5423



64.5605, 85.1744, 67.1579



73.2716, 89.0359, 95.9961



17.9729, 20.2487, 20.1601



19.2964, 37.6152, 9.4463



1.9221, 3.6798, 1.1476

Inverse Universe

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



75.5227, 65.1332, 89.4803



72.1626, 59.2612, 85.7458



71.3161, 63.4506, 67.3288



18.5712, 18.2118, 21.6249



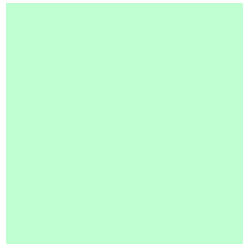
26.2560, 12.9917, 25.7962



2.6021, 1.2832, 2.7522

Previews

White Background



This preview shows how the XYZ color 69.0069, 87.3299, 73.5409 looks on a white background.

Color Contrast Check

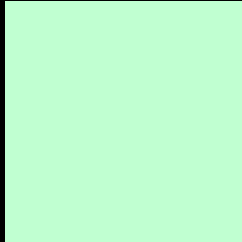
Large Text (above 18pt) WCAG AA × Fail

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 69.0069, 87.3299, 73.5409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

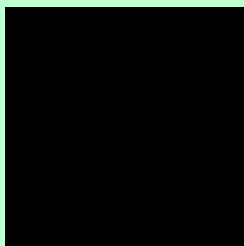
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

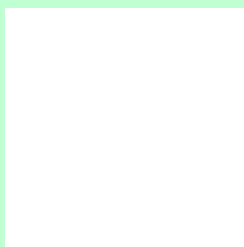
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0069, 87.3299, 73.5409

Background



This preview shows how black text looks on a background with the XYZ color 69.0069, 87.3299, 73.5409.

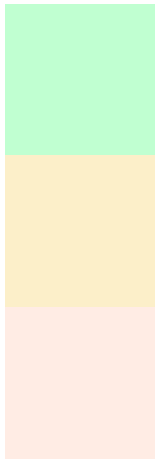


This preview shows how white text looks on a background with the XYZ color 69.0069, 87.3299,

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

69.0069, 87.3299, 73.5409

Protanopia

81.5540, 86.6455, 67.6842

Deuteranopia

85.2390, 86.8523, 85.6704



Tritanopia

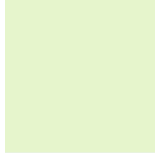
79.9159, 87.1370, 107.2148

Trichromacy



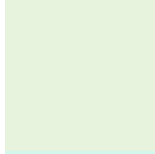
Original Color

69.0069, 87.3299, 73.5409



Protanomaly

76.1846, 86.4874, 69.8051



Deuteranomaly

78.3804, 86.4774, 80.9673



Tritanomaly

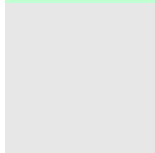
75.5784, 87.0095, 93.7000

Monochromacy



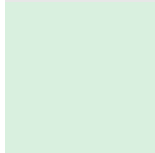
Original Color

69.0069, 87.3299, 73.5409



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.0946, 82.3996, 81.8643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0069, 87.3299, 73.5409 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(192, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 209)  
}
```

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(192, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.0069, 87.3299, 73.5409 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(192, 255, 209) }
```


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

```
.border{ border-color:rgb(192, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0069, 87.3299, 73.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 209) }
```

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

```
.background{ background-color: rgb(192,  
255, 209) }
```

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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