

Converting Colors

XYZ(69.3854, 87.3136, 83.1130)

Have a look what the booklet for
XYZ(69.3854, 87.3136, 83.1130)
contains.

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Color

**XYZ(69.3290, 87.2868,
83.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFDF
RGB	186, 255, 223
RGB Percent	73%, 100%, 87%
CMY	0.2706, 0.0000, 0.1255
CMYK	0.27, 0.00, 0.13, 0.00
HSL	152°, 100%, 86%
HSV	152°, 27%, 100%
XYZ	69.3290, 87.2868, 83.0061
YIQ	230.7210, -30.8520, -24.5800

Conversions

Conversions Part 2

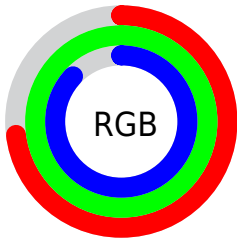
Format	Color
RYB	186, 231, 255
Decimal	12255199
CIELab	94.86, -27.76, 8.43
CIELCh	95, 29.011, 163.099
Yxy	87.2868, 0.2893, 0.3643
Android (android.graphics.Color)	4290445279 (0xFFBAFFDF)
YUV	230.7210, -3.8065, -39.2203
Hunter-Lab	93.4274, -31.0398, 12.7227

Details

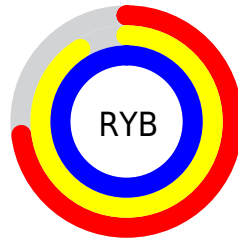
The XYZ color **69.3290, 87.2868, 83.0061** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.4543, 61.4408, 74.4231**, and the grayscale version is **75.7918, 79.7389, 86.8357**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **36.6220, 48.0406, 44.3884** is the 20% darker color. If you saturate the color by 10%, you get **62.1378, 83.7575, 74.6358**, and if you desaturate by 10%, it is **77.7386, 91.4314, 92.0176**.

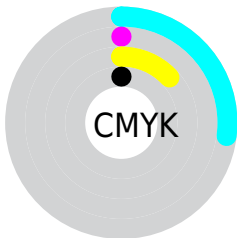
Distribution



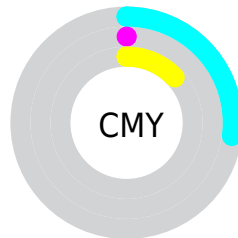
- Red (73%)
- Green (100%)
- Blue (87%)



- Red (73%)
- Yellow (91%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3290, 87.2868, 83.0061 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 69.3290, 87.2868, 83.0061 by changing the saturation by 10% instead.


 69.3290, 87.2868,
83.0061

 69.3290, 87.2868,
83.0061


447.4937,
519.1648, 524.9784

 51.2573, 65.7326,
61.6545


 117.2829,
143.5638, 139.4333

 36.6353, 48.0553,
44.3196


147.8957,
179.0554, 175.3461

 25.0976, 33.8707,
30.5828


183.4197,
219.9616, 216.9496

 16.2789, 22.7943,
20.0256

224.2202,
266.6667, 264.6625

 9.8138, 14.4417,
12.2294

270.6625,
319.5552, 318.9033

 5.3370, 8.4285,
6.7757

323.1119,

 2.4831, 4.3703,

379.0115, 380.0905

3.2459

381.9339,
445.4199, 448.6427

■ 0.8867, 1.8828,
1.2215

■ 0.0000, 0.5380,
0.0000

■ 69.3290, 87.2868,
83.0061

■ 69.3290, 87.2868,
83.0061

■ 62.1378, 83.7575,
74.6358

■ 77.7386, 91.4314,
92.0176

■ 56.1016, 80.8109,
66.8877

■ 87.4209, 96.2189,
101.6801

■ 51.1546, 78.4135,
59.7480

95.0500, 100.0000,
108.9000

■ 47.2231, 76.5276,
53.2008

■ 44.2237, 75.1104,
47.2290

■ 42.0587, 74.1119,
41.8146

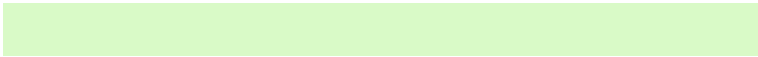
■ 40.6039, 73.4684,
36.9376

■ 40.2569, 73.3188,
35.6004

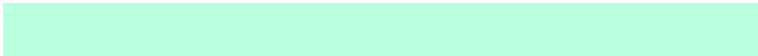
Harmonies

Analogous

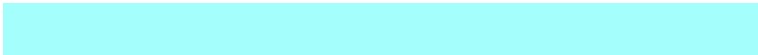
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0613, 87.2868, 66.8139



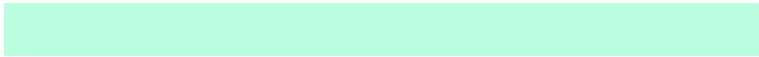
69.3290, 87.2868, 83.0061



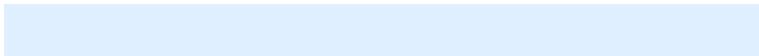
69.0990, 87.2868, 105.1894

Triad

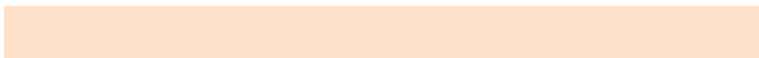
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3290, 87.2868, 83.0061



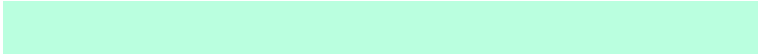
86.4354, 87.2868, 143.7288



94.4934, 87.2868, 68.4322

Complementary

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



69.3290, 87.2868, 83.0061



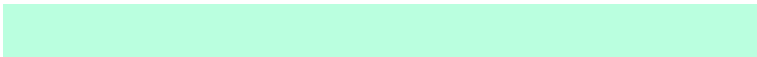
71.4543, 61.4408, 74.4231

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.



98.5685, 87.2868, 85.5663



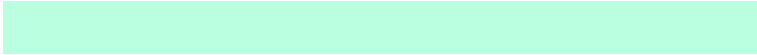
69.3290, 87.2868, 83.0061



93.7222, 87.2868, 130.2712

Square

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



69.3290, 87.2868, 83.0061



78.6475, 87.2868, 142.7518



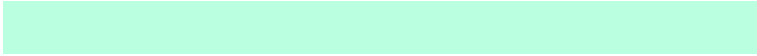
98.2777, 87.2868, 108.1852



87.4345, 87.2868, 59.3558

Rectangle

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



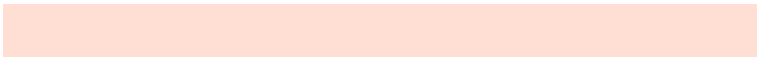
69.3290, 87.2868, 83.0061



70.9376, 87.2868, 120.6857



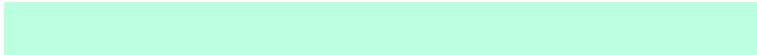
98.2777, 87.2868, 108.1852



96.2770, 87.2868, 73.3128

Sweetspot

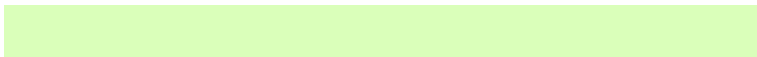
The Sweet Spot groups the original color and five complimentary colors.



69.3298, 87.2872, 83.0075



86.4529, 95.7397, 100.7416



73.5968, 90.0017, 59.9488



18.1788, 20.3311, 21.2447



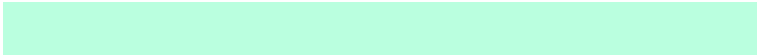
0.0000, 0.0000, 0.0000



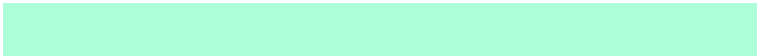
20.3446, 21.4041, 23.3091

Same Dimension

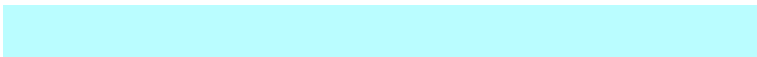
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3298, 87.2872, 83.0075



65.6271, 85.4679, 78.7913



73.3309, 87.7207, 107.6746



18.1788, 20.3311, 21.2447



21.1114, 38.3411, 19.0036



2.1107, 3.7552, 2.1410

Inverse Universe

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



71.4543, 61.4408, 74.4231



68.0487, 56.0161, 69.0131



68.1510, 60.9010, 54.6188



18.3599, 18.1273, 20.5122



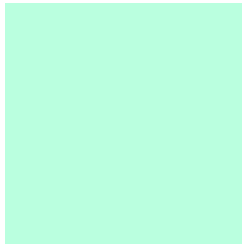
23.3391, 11.8249, 10.4361



2.3269, 1.1732, 1.3031

Previews

White Background



This preview shows how the XYZ color 69.3290, 87.2868, 83.0061 looks on a white background.

Color Contrast Check

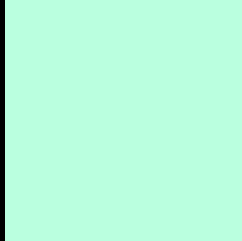
Large Text (above 18pt) WCAG AA × Fail

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 69.3290, 87.2868, 83.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

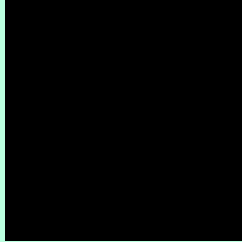
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

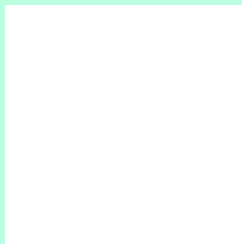
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3290, 87.2868, 83.0061

Background



This preview shows how black text looks on a background with the XYZ color 69.3290, 87.2868, 83.0061.

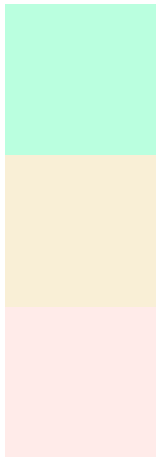


This preview shows how white text looks on a background with the XYZ color 69.3290, 87.2868,

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

69.3290, 87.2868, 83.0061

Protanopia

82.0710, 86.7278, 76.0329

Deuteranopia

85.6563, 86.5599, 89.2839



Tritanopia

79.3141, 86.8268, 107.1867

Trichromacy



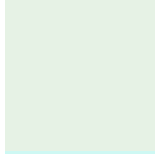
Original Color

69.3290, 87.2868, 83.0061



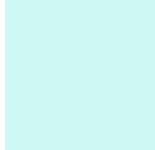
Protanomaly

76.5408, 86.4833, 78.3045



Deuteranomaly

78.5281, 85.9844, 86.5865



Tritanomaly

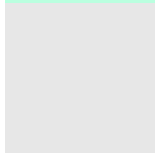
75.1987, 86.7277, 97.5707

Monochromacy



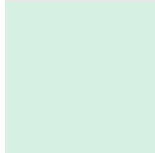
Original Color

69.3290, 87.2868, 83.0061



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.1880, 82.3687, 85.4401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3290, 87.2868, 83.0061 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(186, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 223)  
}
```

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(186, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.3290, 87.2868, 83.0061 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(186, 255, 223) }
```


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

```
.border{ border-color:rgb(186, 255, 223) }
```

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

Here you see how a box with a 4 pixel rgb(186, 255, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3290, 87.2868, 83.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 223) }
```

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

```
.background{ background-color: rgb(186,  
255, 223) }
```

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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