

Converting Colors

XYZ(69.2034, 87.1153, 87.8232)

Have a look what the booklet for
XYZ(69.2034, 87.1153, 87.8232)
contains.

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Color

**XYZ(69.3343, 87.1783,
88.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFE6
RGB	182, 255, 230
RGB Percent	71%, 100%, 90%
CMY	0.2863, 0.0000, 0.0980
CMYK	0.29, 0.00, 0.10, 0.00
HSL	159°, 100%, 86%
HSV	159°, 29%, 100%
XYZ	69.3343, 87.1783, 88.0357
YIQ	230.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

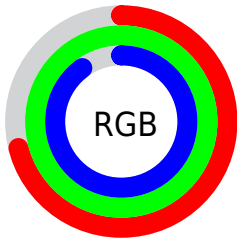
Format	Color
RYB	182, 226, 255
Decimal	11993062
CIELab	94.81, -27.55, 4.74
CIELCh	95, 27.953, 170.243
Yxy	87.1783, 0.2835, 0.3565
Android (android.graphics.Color)	4290183142 (0xFFB6FFE6)
YUV	230.3230, -0.1592, -42.3793
Hunter-Lab	93.3693, -30.8456, 9.4554

Details

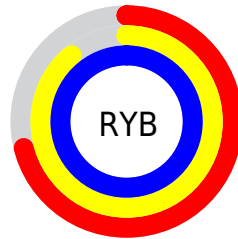
The XYZ color **69.3343, 87.1783, 88.0357** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69.2309, 59.2218, 66.8138**, and the grayscale version is **75.4727, 79.4031, 86.4700**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **36.6843, 47.9953, 47.8880** is the 20% darker color. If you saturate the color by 10%, you get **62.6548, 83.8730, 81.4818**, and if you desaturate by 10%, it is **77.1734, 91.0742, 94.9674**.

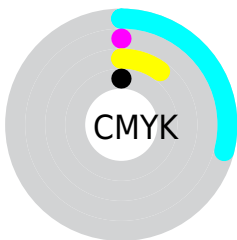
Distribution



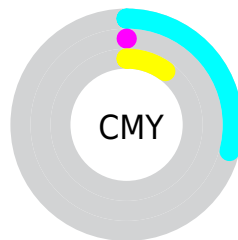
- Red (71%)
- Green (100%)
- Blue (90%)



- Red (71%)
- Yellow (89%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3343, 87.1783, 88.0357 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 69.3343, 87.1783, 88.0357 by changing the saturation by 10% instead.


 69.3343, 87.1783,
88.0357

 69.3343, 87.1783,
88.0357


447.5121,
518.8086, 542.0245

 51.2616, 65.6428,
65.7881


 117.2904,
143.4126, 146.5184

 36.6388, 47.9825,
47.6450


147.9045,
178.8802, 183.5907

 25.1003, 33.8130,
33.1879


183.4299,
219.7606, 226.4416

 16.2809, 22.7500,
21.9981

224.2318,
266.4382, 275.4896

 9.8153, 14.4090,
13.6572

270.6756,
319.2974, 331.1534

 5.3380, 8.4057,
7.7466

323.1267,

 2.4837, 4.3556,

378.7226, 393.8514

3.8478

381.9504,
445.0982, 464.0023

■ 0.8870, 1.8744,
1.5422

■ 0.0000, 0.5329,
0.2491

■ 69.3343, 87.1783,
88.0357

■ 69.3343, 87.1783,
88.0357

■ 62.6548, 83.8730,
81.4818

■ 77.1734, 91.0742,
94.9674

■ 57.0720, 81.1261,
75.2940

■ 86.2257, 95.5883,
102.2797

■ 52.5205, 78.9040,
69.4658

95.0500, 100.0000,
108.9000

■ 48.9269, 77.1690,
63.9888

■ 46.2075, 75.8779,
58.8544

■ 44.2632, 74.9798,
54.0526

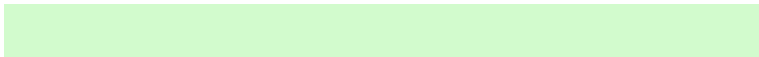
■ 42.9535, 74.4025,
49.5717

■ 42.7977, 74.3351,
48.9798

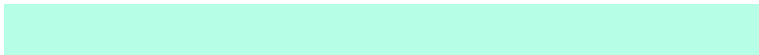
Harmonies

Analogous

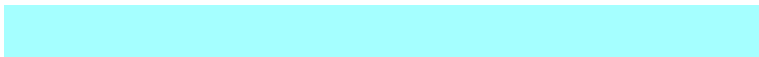
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1723, 87.1783, 70.6931



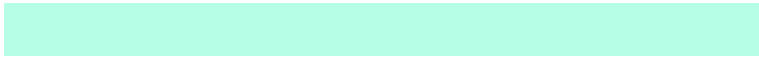
69.3343, 87.1783, 88.0357



69.9472, 87.1783, 110.0802

Triad

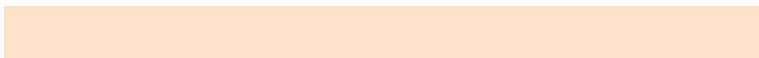
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3343, 87.1783, 88.0357



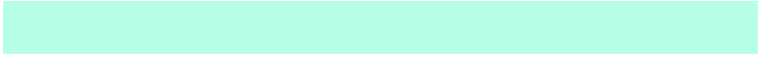
87.9965, 87.1783, 139.6229



92.5164, 87.1783, 66.3606

Complementary

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



69.3343, 87.1783, 88.0357



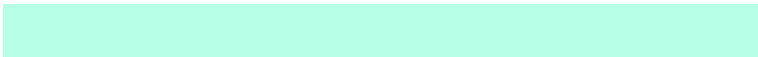
69.2309, 59.2218, 66.8138

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.



97.2724, 87.1783, 81.2240



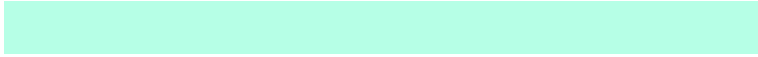
69.3343, 87.1783, 88.0357



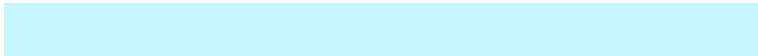
94.5547, 87.1783, 124.1376

Square

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



69.3343, 87.1783, 88.0357



80.4195, 87.1783, 142.1876



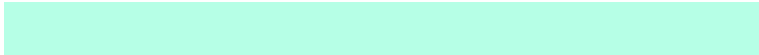
98.0402, 87.1783, 102.1591



85.3501, 87.1783, 59.4980

Rectangle

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



69.3343, 87.1783, 88.0357



72.2448, 87.1783, 124.4623



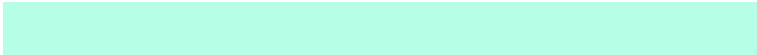
98.0402, 87.1783, 102.1591



94.4679, 87.1783, 70.4705

Sweetspot

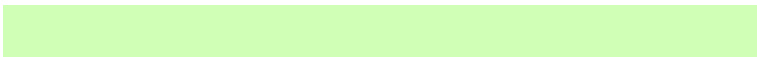
The Sweet Spot groups the original color and five complimentary colors.



69.3351, 87.1786, 88.0371



85.8652, 95.4083, 101.9997



70.0902, 88.2425, 57.5955



18.0817, 20.2730, 21.5997



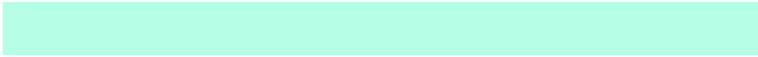
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

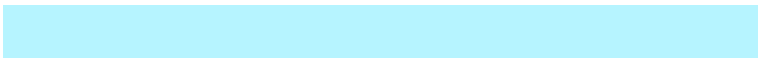
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3351, 87.1786, 88.0371



65.6053, 85.3310, 84.4686



69.7078, 81.8970, 106.7415



18.2750, 20.3695, 21.7513



22.4356, 38.8708, 25.9767



2.2358, 3.8052, 2.7995

Inverse Universe

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



69.2309, 59.2218, 66.8138



65.4900, 53.4529, 60.2860



68.7431, 62.7561, 52.7472



18.2661, 18.0897, 20.0183



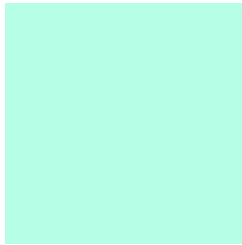
22.5173, 11.4962, 6.1085



2.2413, 1.1389, 0.8522

Previews

White Background



This preview shows how the XYZ color 69.3343, 87.1783, 88.0357 looks on a white background.

Color Contrast Check

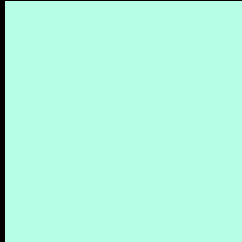
Large Text (above 18pt) WCAG AA × Fail

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 69.3343, 87.1783, 88.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

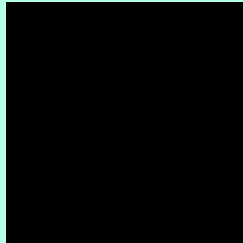
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3343, 87.1783, 88.0357

Background



This preview shows how black text looks on a background with the XYZ color 69.3343, 87.1783, 88.0357.

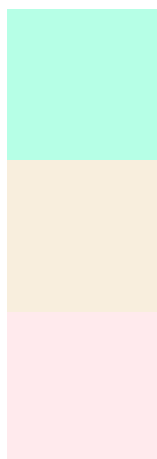


This preview shows how white text looks on a background with the XYZ color 69.3343, 87.1783,

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

69.3343, 87.1783, 88.0357

Protanopia

82.3371, 86.3260, 80.7296

Deuteranopia

85.9489, 86.2201, 92.2329



Tritanopia

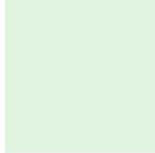
78.7196, 86.5203, 107.1589

Trichromacy



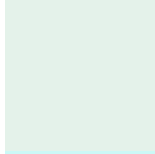
Original Color

69.3343, 87.1783, 88.0357



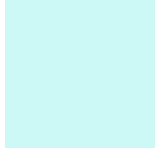
Protanomaly

76.5457, 85.9305, 83.0729



Deuteranomaly

78.5983, 85.9388, 90.2872



Tritanomaly

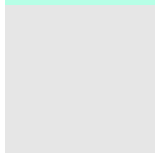
75.1038, 86.6260, 99.9509

Monochromacy



Original Color

69.3343, 87.1783, 88.0357



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.5900, 81.5923, 86.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3343, 87.1783, 88.0357 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(182, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 230)  
}
```

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(182, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.3343, 87.1783, 88.0357 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(182, 255, 230) }
```


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

```
.border{ border-color:rgb(182, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3343, 87.1783, 88.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 230) }
```

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

```
.background{ background-color: rgb(182,  
255, 230) }
```

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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