

Converting Colors

XYZ(69.3723, 86.9816, 97.8090)

Have a look what the booklet for
XYZ(69.3723, 86.9816, 97.8090)
contains.

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Color

**XYZ(69.3932, 86.9897,
97.9273)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFFF3
RGB	174, 255, 243
RGB Percent	68%, 100%, 95%
CMY	0.3176, 0.0000, 0.0471
CMYK	0.32, 0.00, 0.05, 0.00
HSL	171°, 100%, 84%
HSV	171°, 32%, 100%
XYZ	69.3932, 86.9897, 97.9273
YIQ	229.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

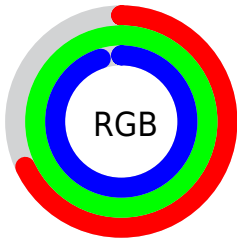
Format	Color
RYB	174, 218, 255
Decimal	11468787
CIELab	94.73, -27.08, -2.13
CIElCh	95, 27.160, 184.504
Yxy	86.9897, 0.2729, 0.3421
Android (android.graphics.Color)	4289658867 (0xFFFAEFFF3)
YUV	229.4130, 6.6984, -48.5972
Hunter-Lab	93.2683, -30.4124, 3.0361

Details

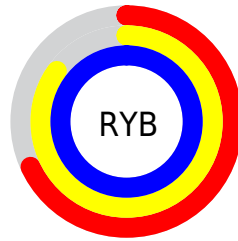
The XYZ color **69.3932, 86.9897, 97.9273** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65.2397, 55.0786, 53.6478**, and the grayscale version is **74.7559, 78.6490, 85.6488**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **36.6349, 47.8276, 54.3145** is the 20% darker color. If you saturate the color by 10%, you get **63.6771, 84.1082, 94.7137**, and if you desaturate by 10%, it is **76.2014, 90.4328, 101.2562**.

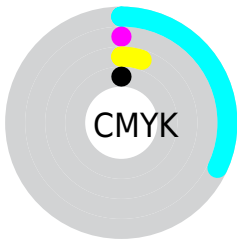
Distribution



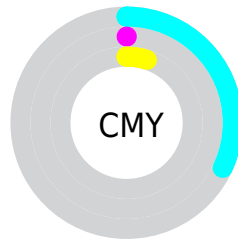
- Red (68%)
- Green (100%)
- Blue (95%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3932, 86.9897, 97.9273 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 69.3932, 86.9897, 97.9273 by changing the saturation by 10% instead.

 69.3932, 86.9897,
97.9273

 69.3932, 86.9897,
97.9273


447.7163,
518.1890, 574.7166

 51.3098, 65.4867,
73.9635


 117.3740,
143.1498, 160.3328

 36.6773, 47.8558,
54.2675


148.0021,
178.5756, 199.6116

 25.1302, 33.7127,
38.4210


183.5425,
219.4112, 244.8325

 16.3034, 22.6730,
26.0052

224.3606,
266.0409, 296.4139

 9.8313, 14.3522,
16.6017

270.8216,
318.8492, 354.7745

 5.3486, 8.3661,
9.7920

323.2910,

 2.4901, 4.3301,

378.2204, 420.3328

5.1575

382.1341,
444.5388, 493.5073

0.8903, 1.8599,
2.2796

0.0000, 0.5241,
0.7198

69.3932, 86.9897,
97.9273

69.3932, 86.9897,
97.9273

63.6771, 84.1082,
94.7137

76.2014, 90.4328,
101.2562

58.9889, 81.7552,
91.6077

84.1551, 94.4652,
104.6988

55.2622, 79.8966,
88.6072

93.3078, 99.1142,
108.2596

52.4214, 78.4933,
85.7083

95.0500, 100.0000,
108.9000

■ 50.3797, 77.5007,
82.9067

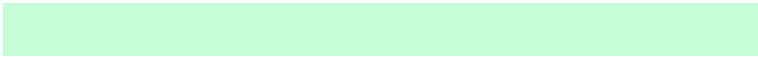
■ 49.0324, 76.8647,
80.1970

■ 48.3139, 76.5415,
78.0278

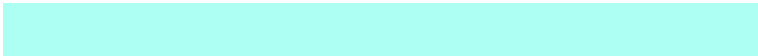
Harmonies

Analogous

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



70.5841, 86.9897, 78.3609



69.3932, 86.9897, 97.9273



71.5864, 86.9897, 119.5104

Triad

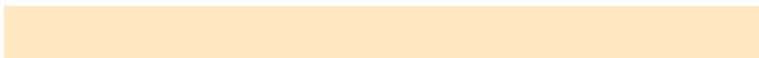
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3932, 86.9897, 97.9273



90.9371, 86.9897, 132.0870



88.9066, 86.9897, 62.7148

Complementary

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



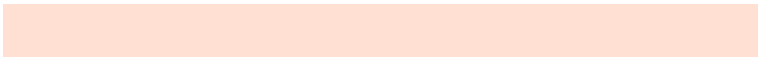
69.3932, 86.9897, 97.9273



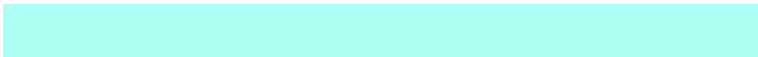
65.2397, 55.0786, 53.6478

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.



94.8667, 86.9897, 73.6142



69.3932, 86.9897, 97.9273



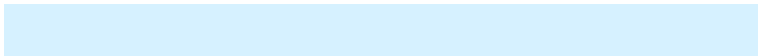
96.0868, 86.9897, 113.2040

Square

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



69.3932, 86.9897, 97.9273



83.7946, 86.9897, 141.0007



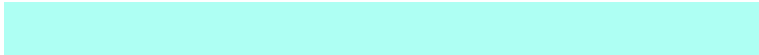
97.5654, 86.9897, 91.5776



81.5775, 86.9897, 59.8636

Rectangle

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



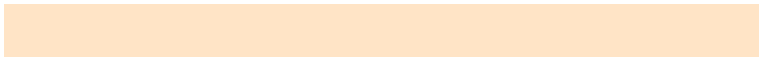
69.3932, 86.9897, 97.9273



74.7534, 86.9897, 131.5870



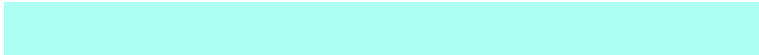
97.5654, 86.9897, 91.5776



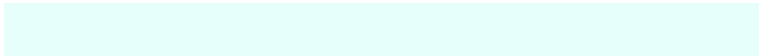
91.1504, 86.9897, 65.4707

Sweetspot

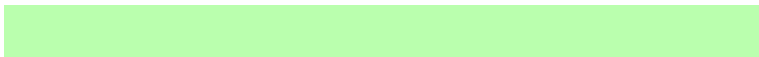
The Sweet Spot groups the original color and five complimentary colors.



69.3942, 86.9902, 97.9288



85.6806, 95.2395, 105.3181



63.6871, 85.0344, 53.1026



18.0783, 20.2527, 22.4367



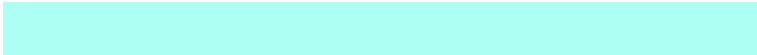
0.0000, 0.0000, 0.0000



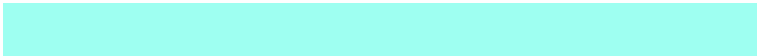
20.3446, 21.4041, 23.3091

Same Dimension

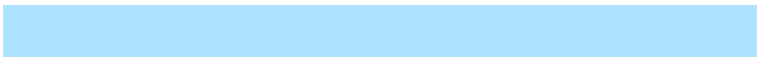
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3942, 86.9902, 97.9288



65.7046, 85.1290, 95.9107



62.8800, 70.9665, 104.9915



18.4324, 20.4325, 22.5798



25.2890, 40.0122, 41.0030



2.4924, 3.9079, 4.1508

Inverse Universe

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



65.2397, 55.0786, 53.6478



60.9740, 48.7439, 45.4535



70.0835, 66.7226, 49.2310



18.1190, 18.0309, 19.2438



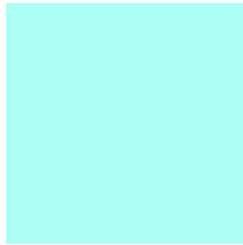
21.7624, 11.1942, 2.1331



2.1499, 1.1023, 0.3706

Previews

White Background



This preview shows how the XYZ color 69.3932, 86.9897, 97.9273 looks on a white background.

Color Contrast Check

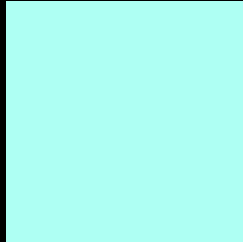
Large Text (above 18pt) WCAG AA × Fail

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 69.3932, 86.9897, 97.9273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

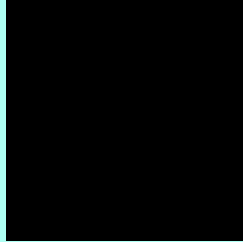
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

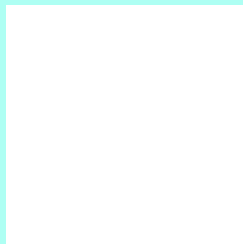
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3932, 86.9897, 97.9273

Background



This preview shows how black text looks on a background with the XYZ color 69.3932, 86.9897, 97.9273.



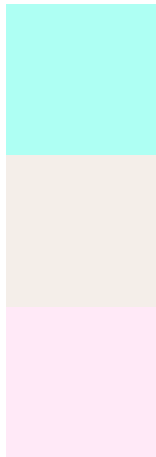
This preview shows how white text looks on a background with the XYZ color 69.3932, 86.9897,

97.9273.

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

69.3932, 86.9897, 97.9273

Protanopia

82.5907, 86.2654, 89.3887

Deuteranopia

87.1674, 86.2532, 100.0500



Tritanopia

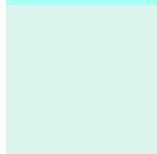
78.1430, 86.6709, 107.2183

Trichromacy



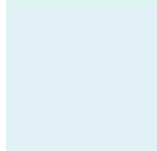
Original Color

69.3932, 86.9897, 97.9273



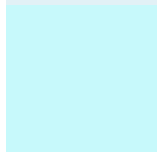
Protanomaly

76.8502, 85.8759, 92.6460



Deuteranomaly

79.4539, 85.7332, 99.5493



Tritanomaly

74.8415, 86.8585, 104.0876

Monochromacy



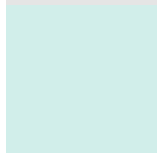
Original Color

69.3932, 86.9897, 97.9273



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.7203, 80.6449, 89.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3932, 86.9897, 97.9273 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(174, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 243)  
}
```

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(174, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 69.3932, 86.9897, 97.9273 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(174, 255, 243) }
```


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

```
.border{ border-color:rgb(174, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3932, 86.9897, 97.9273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 243) }
```

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

```
.background{ background-color: rgb(174,  
255, 243) }
```

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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