

Converting Colors

XYZ(103.2936, 155.4627,
109.8248)

Have a look what the booklet for
XYZ(103.2936, 155.4627, 109.8248)
contains.

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Color

**XYZ(69.1024, 86.8223,
98.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFFF4
RGB	172, 255, 244
RGB Percent	67%, 100%, 96%
CMY	0.3255, 0.0000, 0.0431
CMYK	0.33, 0.00, 0.04, 0.00
HSL	172°, 100%, 84%
HSV	172°, 33%, 100%
XYZ	69.1024, 86.8223, 98.7043
YIQ	228.9290, -45.9370, -21.0170

Conversions

Conversions Part 2

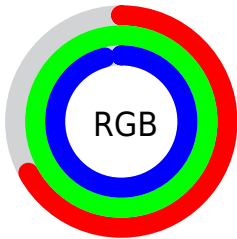
Format	Color
RYB	172, 216, 255
Decimal	11337716
CIELab	94.66, -27.40, -2.76
CIELCh	95, 27.539, 185.762
Yxy	86.8223, 0.2714, 0.3410
Android (android.graphics.Color)	4289527796 (0xFFACFF4)
YUV	228.9290, 7.4300, -49.9267
Hunter-Lab	93.1785, -30.6844, 2.4188

Details

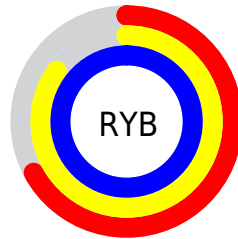
The XYZ color **69.1024, 86.8223, 98.7043** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **64.5406, 54.1853, 51.8577**, and the grayscale version is **74.3953, 78.2696, 85.2356**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **36.4736, 47.7320, 54.8678** is the 20% darker color. If you saturate the color by 10%, you get **63.5246, 84.0056, 95.7906**, and if you desaturate by 10%, it is **75.7654, 90.1973, 101.7208**.

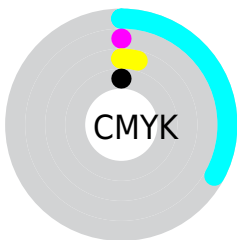
Distribution



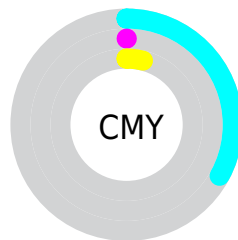
- Red (67%)
- Green (100%)
- Blue (96%)



- Red (67%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1024, 86.8223, 98.7043 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 69.1024, 86.8223, 98.7043 by changing the saturation by 10% instead.

69.1024, 86.8223,
98.7043

69.1024, 86.8223,
98.7043

446.7078,
517.6388, 577.2417

51.0721, 65.3482,
74.6080

116.9611,
142.9164, 161.4118

36.4872, 47.7434,
54.7920

147.5201,
178.3052, 200.8601

24.9826, 33.6238,
38.8378

182.9861,
219.1010, 246.2628

16.1927, 22.6047,
26.3267

223.7244,
265.6882, 298.0385

9.7524, 14.3019,
16.8402

270.1004,
318.4511, 356.6056

5.2961, 8.3309,
9.9599

322.4794,

2.4585, 4.3074,

377.7743, 422.3829

5.2671

381.2267,
444.0421, 495.7887

■ 0.8744, 1.8470,
2.3434

■ 0.0000, 0.5162,
0.7554

■ 69.1024, 86.8223,
98.7043

■ 69.1024, 86.8223,
98.7043

■ 63.5246, 84.0056,
95.7906

■ 75.7654, 90.1973,
101.7208

■ 58.9673, 81.7139,
92.9720

■ 83.5672, 94.1584,
104.8385

■ 55.3636, 79.9127,
90.2467

■ 92.5618, 98.7333,
108.0617

■ 52.6373, 78.5627,
87.6108

■ 95.0500, 100.0000,
108.9000

■ 50.7003, 77.6186,
85.0598

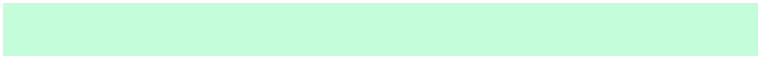
■ 49.4462, 77.0255,
82.5887

■ 48.8390, 76.7516,
80.7933

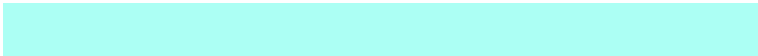
Harmonies

Analogous

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



70.1630, 86.8223, 78.7062



69.1024, 86.8223, 98.7043



71.4588, 86.8223, 120.5323

Triad

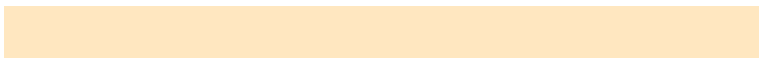
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1024, 86.8223, 98.7043



91.1602, 86.8223, 131.7930



88.5298, 86.8223, 61.9059

Complementary

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



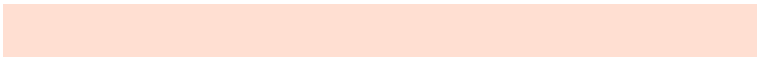
69.1024, 86.8223, 98.7043



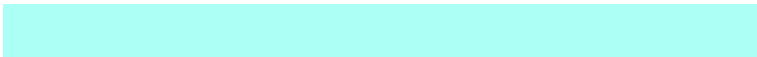
64.5406, 54.1853, 51.8577

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.



94.6719, 86.8223, 72.5731



69.1024, 86.8223, 98.7043



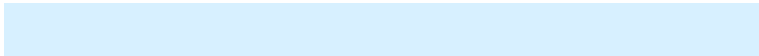
96.2533, 86.8223, 112.3547

Square

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



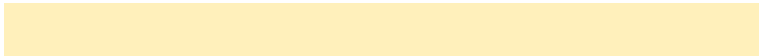
69.1024, 86.8223, 98.7043



83.9653, 86.8223, 141.3908



97.5753, 86.8223, 90.4843



81.0953, 86.8223, 59.3761

Rectangle

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



69.1024, 86.8223, 98.7043



74.7387, 86.8223, 132.5740



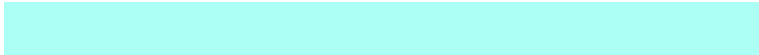
97.5753, 86.8223, 90.4843



90.8277, 86.8223, 64.5714

Sweetspot

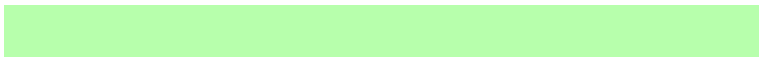
The Sweet Spot groups the original color and five complimentary colors.



69.1034, 86.8228, 98.7058



85.7435, 95.2646, 105.6496



62.7517, 84.5745, 52.0486



18.0936, 20.2589, 22.5174



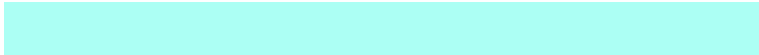
0.0000, 0.0000, 0.0000



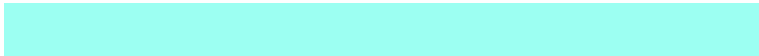
20.3446, 21.4041, 23.3091

Same Dimension

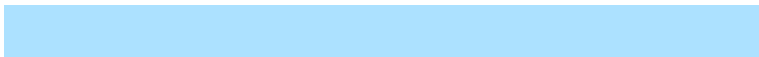
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1034, 86.8228, 98.7058



65.3836, 84.9432, 96.8136



61.8725, 69.6081, 104.7824



18.4452, 20.4376, 22.6473



25.5598, 40.1205, 42.4285



2.5162, 3.9174, 4.2761

Inverse Universe

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



64.5406, 54.1853, 51.8577



60.1890, 47.7406, 43.4451



69.9096, 66.6844, 48.2181



18.1073, 18.0262, 19.1824



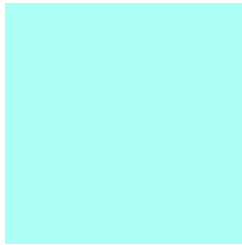
21.7280, 11.1805, 1.9521



2.1444, 1.1001, 0.3419

Previews

White Background



This preview shows how the XYZ color 69.1024, 86.8223, 98.7043 looks on a white background.

Color Contrast Check

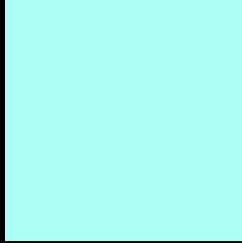
Large Text (above 18pt) WCAG AA × Fail

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 69.1024, 86.8223, 98.7043 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

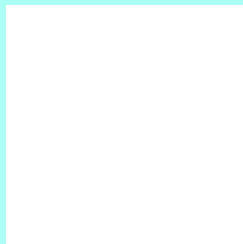
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1024, 86.8223, 98.7043

Background



This preview shows how black text looks on a background with the XYZ color 69.1024, 86.8223, 98.7043.

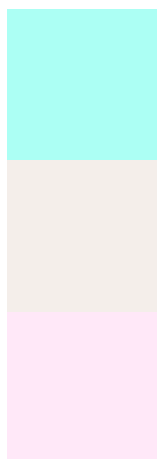


This preview shows how white text looks on a background with the XYZ color 69.1024, 86.8223,

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

69.1024, 86.8223, 98.7043

Protanopia

82.7340, 86.3227, 90.1433

Deuteranopia

87.0399, 85.7505, 100.7709



Tritanopia

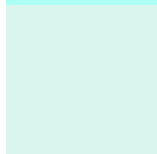
77.8538, 86.5219, 107.2048

Trichromacy



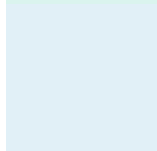
Original Color

69.1024, 86.8223, 98.7043



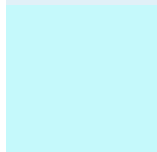
Protanomaly

76.6967, 85.7798, 93.4037



Deuteranomaly

78.9999, 85.0431, 100.2469



Tritanomaly

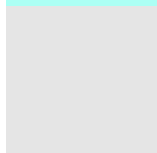
74.3142, 86.5867, 104.0629

Monochromacy



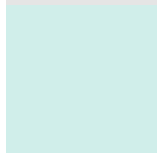
Original Color

69.1024, 86.8223, 98.7043



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.4382, 80.4995, 89.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1024, 86.8223, 98.7043 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(172, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 244)  
}
```

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(172, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 69.1024, 86.8223, 98.7043 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(172, 255, 244) }
```


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

```
.border{ border-color:rgb(172, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1024, 86.8223, 98.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 244) }
```

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

```
.background{ background-color: rgb(172,  
255, 244) }
```

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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