

Converting Colors

XYZ(75.7388, 100.0000,
104.7074)

Have a look what the booklet for
XYZ(75.7388, 100.0000, 104.7074)
contains.

XYZ(69.2211, 86.7946, 102.7272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.2211, 86.7946,
102.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFF9
RGB	169, 255, 249
RGB Percent	66%, 100%, 98%
CMY	0.3372, 0.0000, 0.0235
CMYK	0.34, 0.00, 0.02, 0.00
HSL	176°, 100%, 83%
HSV	176°, 34%, 100%
XYZ	69.2211, 86.7946, 102.7272
YIQ	228.6020, -49.3300, -20.0980

Conversions

Conversions Part 2

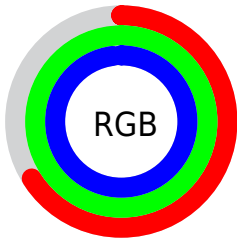
Format	Color
R _Y B	169, 214, 255
Decimal	11141113
CIE Lab	94.65, -27.09, -5.38
CIE LCh	95, 27.621, 191.232
Yxy	86.7946, 0.2675, 0.3354
Android (android.graphics.Color)	4289331193 (0xFFA9FFF9)
YUV	228.6020, 10.0562, -52.2710
Hunter-Lab	93.1636, -30.4098, -0.1618

Details

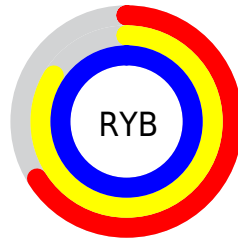
The XYZ color **69.2211, 86.7946, 102.7272** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **63.1667, 52.7325, 47.4076**, and the grayscale version is **74.1384, 77.9993, 84.9413**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **36.6298, 47.7491, 57.7380** is the 20% darker color. If you saturate the color by 10%, you get **63.9981, 84.1339, 101.0427**, and if you desaturate by 10%, it is **75.5156, 90.0073, 104.4784**.

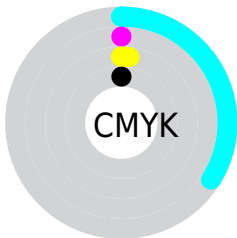
Distribution



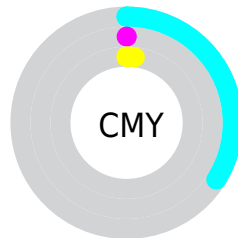
- Red (66%)
- Green (100%)
- Blue (98%)



- Red (66%)
- Yellow (84%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2211, 86.7946, 102.7272 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 69.2211, 86.7946, 102.7272 by changing the saturation by 10% instead.

69.2211, 86.7946,
102.7272

69.2211, 86.7946,
102.7272

447.1196,
517.5477, 590.2226

51.1691, 65.3252,
77.9505

117.1297,
142.8778, 166.9844

36.5648, 47.7249,
57.5171

147.7169,
178.2605, 207.3021

25.0428, 33.6090,
41.0085

183.2133,
219.0496, 253.6371

16.2379, 22.5934,
28.0059

223.9842,
265.6298, 306.4082

9.7845, 14.2936,
18.0911

270.3949,
318.3853, 366.0337

5.3175, 8.3251,
10.8453

322.8108,

2.4714, 4.3037,

377.7005, 432.9322

5.8500

381.5972,
443.9598, 507.5223

■ 0.8809, 1.8449,
2.6868

■ 0.0000, 0.5149,
0.9368

■ 69.2211, 86.7946,
102.7272

■ 69.2211, 86.7946,
102.7272

■ 63.9981, 84.1339,
101.0427

■ 75.5156, 90.0073,
104.4784

■ 59.7811, 81.9916,
99.4176

■ 82.9358, 93.8000,
106.2946

■ 56.5026, 80.3327,
97.8500

■ 91.5357, 98.2006,
108.1798

■ 54.0851, 79.1175,
96.3363

95.0500, 100.0000,
108.9000

■ 52.4390, 78.2996,
94.8722

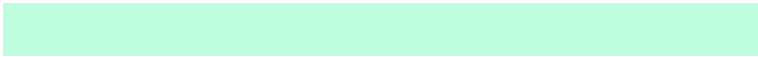
■ 51.4549, 77.8227,
93.4527

■ 51.0773, 77.6469,
92.5799

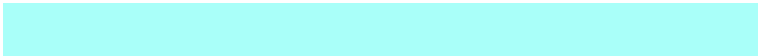
Harmonies

Analogous

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



69.6558, 86.7946, 81.9036



69.2211, 86.7946, 102.7272



72.1795, 86.7946, 124.2228

Triad

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



69.2211, 86.7946, 102.7272



92.3075, 86.7946, 128.8572



87.1935, 86.7946, 60.7242

Complementary

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



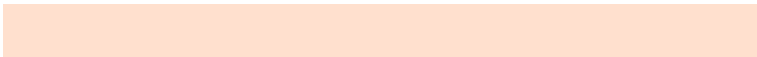
69.2211, 86.7946, 102.7272



63.1667, 52.7325, 47.4076

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.



93.7507, 86.7946, 69.9497



69.2211, 86.7946, 102.7272



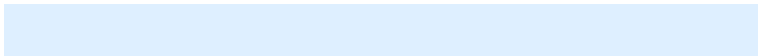
96.8238, 86.7946, 108.3359

Square

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



69.2211, 86.7946, 102.7272



85.3189, 86.7946, 140.7535



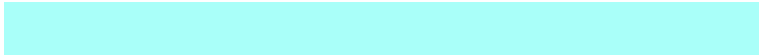
97.3673, 86.7946, 86.7328



79.7354, 86.7946, 59.6903

Rectangle

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



69.2211, 86.7946, 102.7272



75.7884, 86.7946, 135.2449



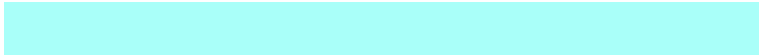
97.3673, 86.7946, 86.7328



89.5875, 86.7946, 62.8969

Sweetspot

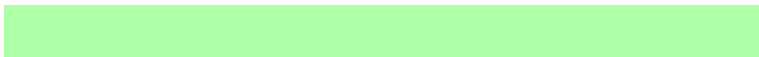
The Sweet Spot groups the original color and five complimentary colors.



69.2221, 86.7951, 102.7287



85.9978, 95.3664, 106.9885



60.8648, 83.6347, 50.4731



18.1556, 20.2837, 22.8436



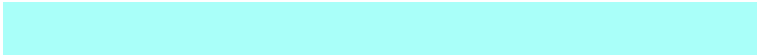
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

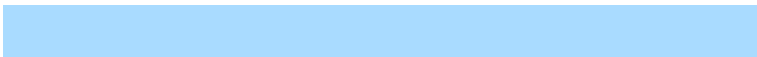
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2221, 86.7951, 102.7287



65.8224, 85.0625, 101.6633



59.7884, 66.4063, 104.2743



18.4969, 20.4583, 22.9199



26.7122, 40.5815, 48.4974



2.6166, 3.9576, 4.8050

Inverse Universe

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



63.1667, 52.7325, 47.4076



58.9864, 46.5845, 39.1930



70.1938, 67.7087, 46.9074



18.0608, 18.0076, 18.9371



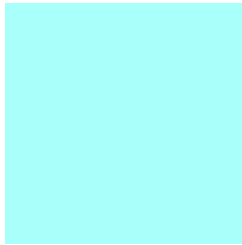
21.6236, 11.1388, 1.4027



2.1225, 1.0914, 0.2265

Previews

White Background



This preview shows how the XYZ color 69.2211, 86.7946, 102.7272 looks on a white background.

Color Contrast Check

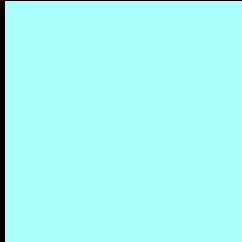
Large Text (above 18pt) WCAG AA × Fail

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 69.2211, 86.7946, 102.7272 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 69.2211, 86.7946, 102.7272

Background



This preview shows how black text looks on a background with the XYZ color 69.2211, 86.7946, 102.7272.

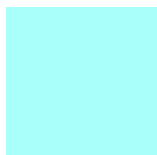


This preview shows how white text looks on a background with the XYZ color 69.2211, 86.7946,

Color Blindness Simulation

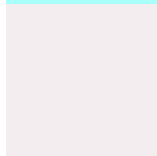
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.2211, 86.7946, 102.7272



Protanopia

82.8263, 85.8551, 93.8676



Deuteranopia

87.9860, 86.1290, 105.7531



Tritanopia

77.5664, 86.3737, 107.1913

Trichromacy



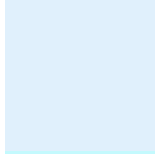
Original Color

69.2211, 86.7946, 102.7272



Protanomaly

76.8472, 85.7714, 97.2993



Deuteranomaly

79.4712, 85.1957, 104.3513



Tritanomaly

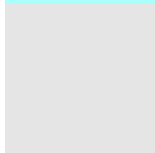
74.3703, 86.5790, 105.7202

Monochromacy



Original Color

69.2211, 86.7946, 102.7272



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.4470, 80.4706, 91.1236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2211, 86.7946, 102.7272 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(169, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 249)  
}
```

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(169, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 69.2211, 86.7946, 102.7272 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(169, 255, 249) }
```


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

```
.border{ border-color:rgb(169, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2211, 86.7946, 102.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 249) }
```

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

```
.background{ background-color: rgb(169,  
255, 249) }
```

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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