

Converting Colors

XYZ(79.9098, 102.6060,
109.3217)

Have a look what the booklet for
XYZ(79.9098, 102.6060, 109.3217)
contains.

XYZ(72.9408, 88.6208, 107.0271)	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(72.9408, 88.6208,
107.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFFE
RGB	182, 255, 254
RGB Percent	71%, 100%, 100%
CMY	0.2863, 0.0000, 0.0039
CMYK	0.29, 0.00, 0.00, 0.00
HSL	179°, 100%, 86%
HSV	179°, 29%, 100%
XYZ	72.9408, 88.6208, 107.0271
YIQ	233.0590, -43.1870, -15.7870

Conversions

Conversions Part 2

Format	Color
R_{YB}	182, 219, 255
Decimal	11993086
CIE _{Lab}	95.42, -22.50, -6.75
CIE _{LCh}	95, 23.487, 196.704
Yxy	88.6208, 0.2716, 0.3299
Android (android.graphics.Color)	4290183166 (0xFFB6FFFE)
YUV	233.0590, 10.3239, -44.7787
Hunter-Lab	94.1386, -26.4366, -1.5103

Details

The XYZ color **72.9408, 88.6208, 107.0271** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5161, 58.1363, 52.5163**, and the grayscale version is **77.4446, 81.4777, 88.7292**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.8763, 48.8550, 60.2043** is the 20% darker color. If you saturate the color by 10%, you get **67.4018, 85.7718, 106.4781**, and if you desaturate by 10%, it is **79.5786, 92.0363, 107.6310**.

Distribution



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



- Red (71%)
- Yellow (86%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9408, 88.6208, 107.0271 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 72.9408, 88.6208, 107.0271 by changing the saturation by 10% instead.


 72.9408, 88.6208,
107.0271

 72.9408, 88.6208,
107.0271


459.9166,
523.5341, 603.9329

 54.2158, 66.8373,
81.5325


 122.3967,
145.4211, 172.9168

 39.0055, 48.9524,
60.4467


153.8584,
181.2068, 214.1490

 26.9448, 34.5817,
43.3511

190.2962,
222.4286, 261.4641

 17.6681, 23.3409,
29.8273

232.0757,
269.4710, 315.2807

 10.8102, 14.8454,
19.4566

279.5621,
322.7183, 376.0174

 6.0057, 8.7110,
11.8205

333.1208,

 2.8893, 4.5531,

382.5550, 444.0926

6.5005

393.1172,
449.3655, 519.9249

■ 1.0955, 1.9875,
3.0781

■ 0.0213, 0.6002,
1.1346

■ 72.9408, 88.6208,
107.0271

■ 72.9408, 88.6208,
107.0271

■ 67.4018, 85.7718,
106.4781

■ 79.5786, 92.0363,
107.6310

■ 62.8988, 83.4568,
105.9766

■ 87.3670, 96.0449,
108.2878

■ 59.3676, 81.6429,
105.5211

95.0500, 100.0000,
108.9000

■ 56.7356, 80.2924,
105.1083

■ 54.9201, 79.3629,
104.7342

■ 53.8231, 78.8038,
104.3942

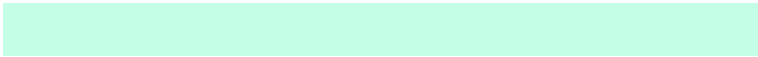
■ 53.3050, 78.5431,
104.0819

■ 53.2536, 78.5174,
104.0399

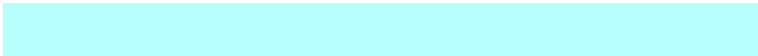
Harmonies

Analogous

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



72.7681, 88.6208, 88.5801



72.9408, 88.6208, 107.0271



76.0378, 88.6208, 124.6120

Triad

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



72.9408, 88.6208, 107.0271



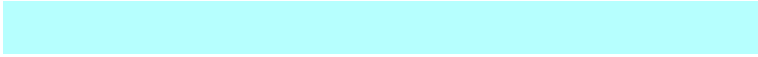
93.5496, 88.6208, 122.8555



87.1056, 88.6208, 65.9854

Complementary

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



72.9408, 88.6208, 107.0271



66.5161, 58.1363, 52.5163

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.



92.9934, 88.6208, 72.9583



72.9408, 88.6208, 107.0271



96.8394, 88.6208, 104.8636

Square

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



72.9408, 88.6208, 107.0271



87.8335, 88.6208, 134.5160



96.6309, 88.6208, 86.6738



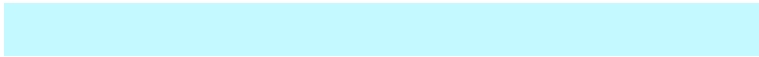
80.7292, 88.6208, 66.4091

Rectangle

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



72.9408, 88.6208, 107.0271



79.4380, 88.6208, 132.7864



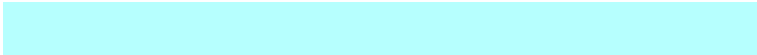
96.6309, 88.6208, 86.6738



89.2139, 88.6208, 67.5001

Sweetspot

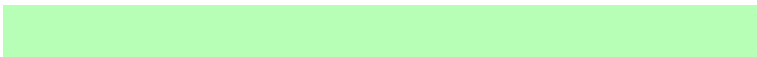
The Sweet Spot groups the original color and five complimentary colors.



72.9419, 88.6214, 107.0286



87.0545, 95.8840, 108.2623



63.7847, 84.9918, 57.3011



18.3763, 20.3909, 23.1514



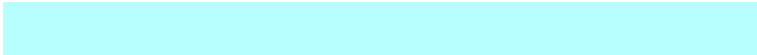
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

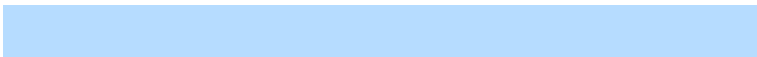
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9419, 88.6214, 107.0286



69.8321, 87.0217, 106.7265



62.8615, 68.2042, 104.4593



18.5435, 20.4769, 23.1652



27.8311, 41.0290, 54.3890



2.7131, 3.9962, 5.3131

Inverse Universe

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



66.5161, 58.1363, 52.5163



62.5052, 52.2590, 44.5682



74.5703, 74.4104, 54.6902



18.0195, 17.9911, 18.7197



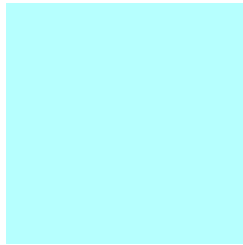
21.5631, 11.1145, 1.0839



2.1029, 1.0835, 0.1233

Previews

White Background



This preview shows how the XYZ color 72.9408, 88.6208, 107.0271 looks on a white background.

Color Contrast Check

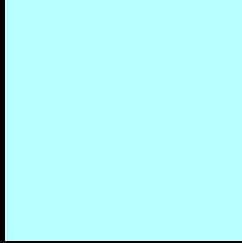
Large Text (above 18pt) WCAG AA × Fail

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 72.9408, 88.6208, 107.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

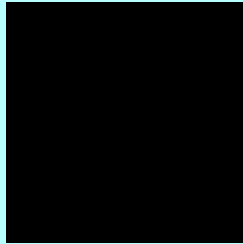
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9408, 88.6208, 107.0271

Background



This preview shows how black text looks on a background with the XYZ color 72.9408, 88.6208, 107.0271.

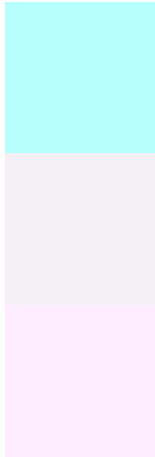


This preview shows how white text looks on a background with the XYZ color 72.9408, 88.6208,

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

72.9408, 88.6208, 107.0271

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

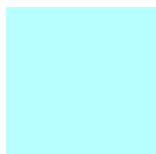
88.2663, 87.5193, 106.8485



Tritanopia

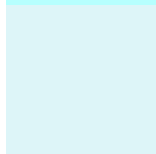
80.5210, 88.3472, 107.4165

Trichromacy



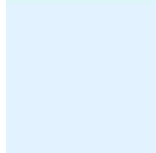
Original Color

72.9408, 88.6208, 107.0271



Protanomaly

79.4145, 87.4543, 101.5017



Deuteranomaly

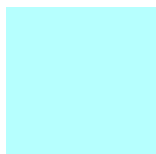
81.4807, 87.0552, 107.1166



Tritanomaly

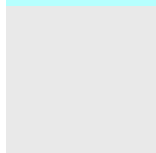
77.3793, 88.0932, 107.5331

Monochromacy



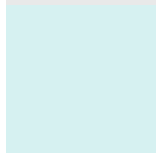
Original Color

72.9408, 88.6208, 107.0271



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0640, 83.5576, 95.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9408, 88.6208, 107.0271 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 72.9408, 88.6208, 107.0271 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, 254) }
```


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

```
.border{ border-color:rgb(182, 255, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 255, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 255, 254); box-shadow:4px 4px 4px 4px rgb(182, 255, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9408, 88.6208, 107.0271 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, 254) }
```

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

```
.background{ background-color: rgb(182,  
255, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor