

Converting Colors

XYZ(71.6892, 88.3810, 88.6548)

Have a look what the booklet for
XYZ(71.6892, 88.3810, 88.6548)
contains.

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Color

**XYZ(71.6697, 88.3659,
88.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFFE7
RGB	191, 255, 231
RGB Percent	75%, 100%, 91%
CMY	0.2510, 0.0000, 0.0941
CMYK	0.25, 0.00, 0.09, 0.00
HSL	158°, 100%, 87%
HSV	158°, 25%, 100%
XYZ	71.6697, 88.3659, 88.8802
YIQ	233.1280, -30.4400, -21.0320

Conversions

Conversions Part 2

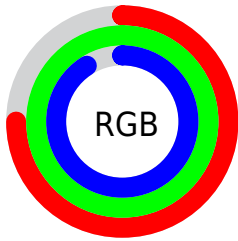
Format	Color
RYB	191, 230, 255
Decimal	12582887
CIELab	95.31, -24.71, 5.01
CIELCh	95, 25.212, 168.546
Yxy	88.3659, 0.2879, 0.3550
Android (android.graphics.Color)	4290772967 (0xFFBFFFE7)
YUV	233.1280, -1.0491, -36.9463
Hunter-Lab	94.0031, -28.4138, 9.7434

Details

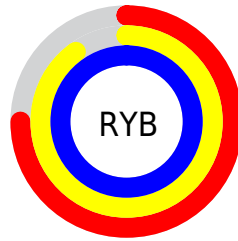
The XYZ color **71.6697, 88.3659, 88.8802** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1372, 63.4290, 72.7314**, and the grayscale version is **77.5723, 81.6121, 88.8756**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **38.0853, 48.7176, 47.9536** is the 20% darker color. If you saturate the color by 10%, you get **64.4916, 84.8173, 81.6865**, and if you desaturate by 10%, it is **80.0397, 92.5204, 96.5177**.

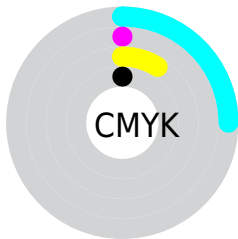
Distribution



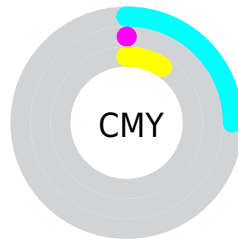
- Red (75%)
- Green (100%)
- Blue (91%)



- Red (75%)
- Yellow (90%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6697, 88.3659, 88.8802 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 71.6697, 88.3659, 88.8802 by changing the saturation by 10% instead.


 71.6697, 88.3659,
88.8802

 71.6697, 88.3659,
88.8802


455.5666,
522.7007, 544.8572

 53.1734, 66.6261,
66.4838


 120.6002,
145.0665, 147.7039

 38.1692, 48.7809,
48.2063


151.7650,
180.7960, 184.9682

 26.2919, 34.4457,
33.6291


187.8835,
221.9577, 228.0256

 17.1760, 23.2362,
22.3338

229.3208,
268.9358, 277.2946

 10.4561, 14.7680,
13.9017

276.4425,
322.1148, 333.1937

 5.7670, 8.6567,
7.9144

329.6137,

 2.7432, 4.5180,

381.8790, 396.1415

3.9532

389.2000,
448.6128, 466.5565

■ 1.0195, 1.9673,
1.5997

■ 0.0000, 0.5884,
0.2906

■ 71.6697, 88.3659,
88.8802

■ 71.6697, 88.3659,
88.8802

■ 64.4916, 84.8173,
81.6865

■ 80.0397, 92.5204,
96.5177

■ 58.4439, 81.8430,
74.9234

■ 89.6539, 97.3077,
104.6032

■ 53.4631, 79.4104,
68.5831

■ 95.0500, 100.0000,
108.9000

■ 49.4782, 77.4832,
62.6559

■ 46.4093, 76.0202,
57.1315

■ 44.1633, 74.9737,
51.9988

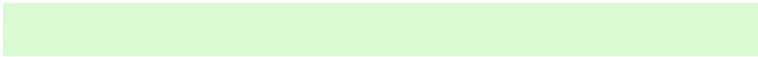
■ 42.6256, 74.2846,
47.2454

■ 42.0509, 74.0364,
45.0476

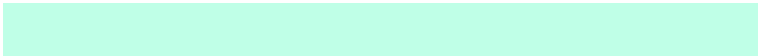
Harmonies

Analogous

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



74.4517, 88.3659, 73.2326



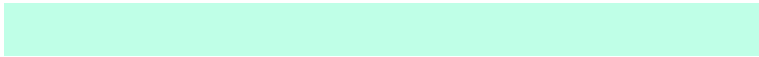
71.6697, 88.3659, 88.8802



72.0517, 88.3659, 108.7867

Triad

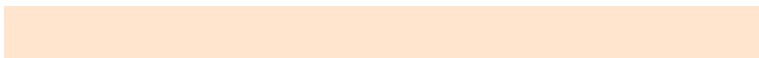
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6697, 88.3659, 88.8802



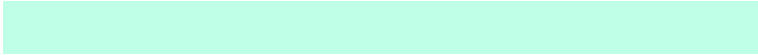
88.2710, 88.3659, 136.8276



93.0627, 88.3659, 70.5026

Complementary

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



71.6697, 88.3659, 88.8802



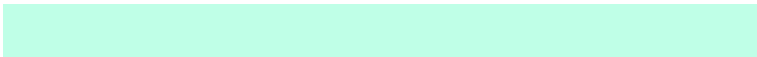
72.1372, 63.4290, 72.7314

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.



97.1772, 88.3659, 84.6520



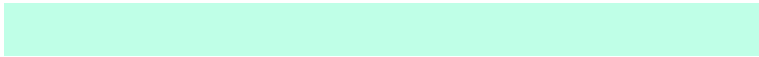
71.6697, 88.3659, 88.8802



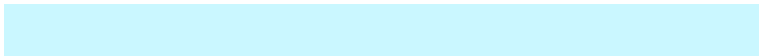
94.3082, 88.3659, 123.5645

Square

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



71.6697, 88.3659, 88.8802



81.3872, 88.3659, 138.3685



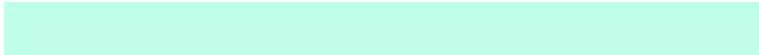
97.6451, 88.3659, 103.9436



86.6459, 88.3659, 63.6318

Rectangle

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



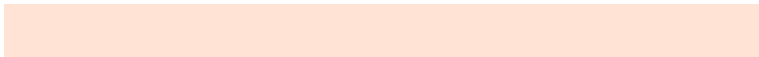
71.6697, 88.3659, 88.8802



74.0538, 88.3659, 121.8307



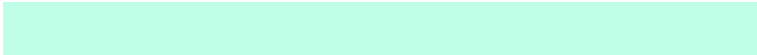
97.6451, 88.3659, 103.9436



94.7756, 88.3659, 74.4685

Sweetspot

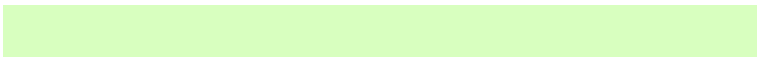
The Sweet Spot groups the original color and five complimentary colors.



71.6706, 88.3663, 88.8817



86.7316, 95.8512, 102.2093



73.3459, 89.8099, 62.7610



18.2491, 20.3592, 21.6147



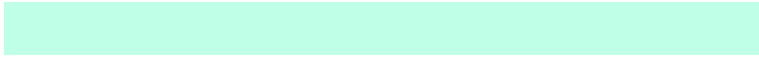
0.0000, 0.0000, 0.0000



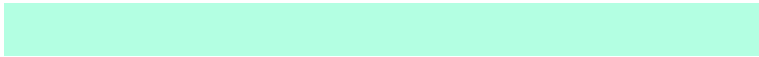
20.3446, 21.4041, 23.3091

Same Dimension

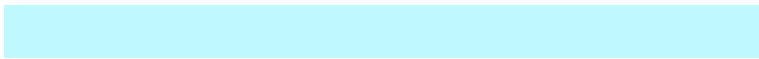
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6706, 88.3663, 88.8817



68.0056, 86.5525, 85.2993



72.9607, 85.1451, 107.1969



18.2491, 20.3592, 21.6147



22.0473, 38.7155, 23.9322



2.1997, 3.7908, 2.6094

Inverse Universe

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



72.1372, 63.4290, 72.7314



68.5454, 57.8142, 66.6976



70.9457, 65.6246, 58.2192



18.2911, 18.0997, 20.1500



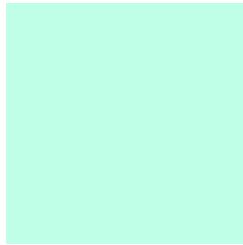
22.7092, 11.5730, 7.1193



2.2620, 1.1472, 0.9612

Previews

White Background



This preview shows how the XYZ color 71.6697, 88.3659, 88.8802 looks on a white background.

Color Contrast Check

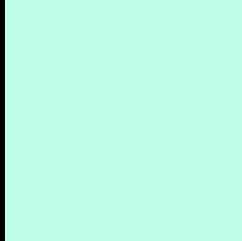
Large Text (above 18pt) WCAG AA × Fail

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 71.6697, 88.3659, 88.8802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

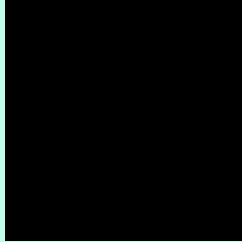
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

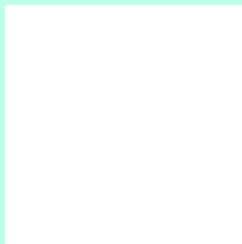
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6697, 88.3659, 88.8802

Background



This preview shows how black text looks on a background with the XYZ color 71.6697, 88.3659, 88.8802.

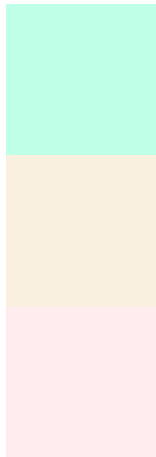


This preview shows how white text looks on a background with the XYZ color 71.6697, 88.3659,

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

71.6697, 88.3659, 88.8802

Protanopia

83.5463, 87.7876, 82.3534

Deuteranopia

86.6681, 87.4240, 93.1955



Tritanopia

80.8266, 88.0544, 107.3439

Trichromacy



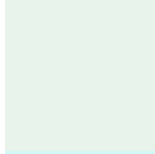
Original Color

71.6697, 88.3659, 88.8802



Protanomaly

78.3748, 87.2898, 84.6693



Deuteranomaly

80.3247, 87.2551, 91.2056



Tritanomaly

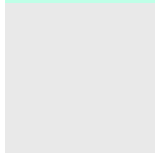
77.3742, 88.2541, 100.1455

Monochromacy



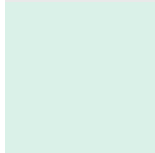
Original Color

71.6697, 88.3659, 88.8802



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.9342, 83.6422, 88.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6697, 88.3659, 88.8802 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(191, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 231)  
}
```

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(191, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 71.6697, 88.3659, 88.8802 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(191, 255, 231) }
```


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

```
.border{ border-color:rgb(191, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6697, 88.3659, 88.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 231) }
```

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

```
.background{ background-color: rgb(191,  
255, 231) }
```

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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