

Converting Colors

XYZ(94.4462, 133.4933,
108.8705)

Have a look what the booklet for
XYZ(94.4462, 133.4933, 108.8705)
contains.

XYZ(71.8399, 88.1805, 101.2299)	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(71.8399, 88.1805,
101.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFF7
RGB	182, 255, 247
RGB Percent	71%, 100%, 97%
CMY	0.2863, 0.0000, 0.0314
CMYK	0.29, 0.00, 0.03, 0.00
HSL	173°, 100%, 86%
HSV	173°, 29%, 100%
XYZ	71.8399, 88.1805, 101.2299
YIQ	232.2610, -40.9400, -17.9640

Conversions

Conversions Part 2

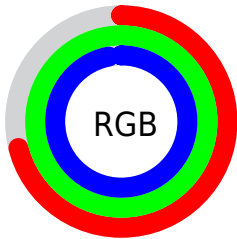
Format	Color
RYB	182, 221, 255
Decimal	11993079
CIELab	95.24, -24.01, -3.41
CIELCh	95, 24.255, 188.087
Yxy	88.1805, 0.2750, 0.3375
Android (android.graphics.Color)	4290183159 (0xFFB6FFF7)
YUV	232.2610, 7.2663, -44.0789
Hunter-Lab	93.9045, -27.7747, 1.8180

Details

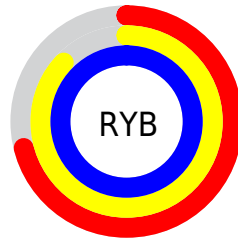
The XYZ color **71.8399, 88.1805, 101.2299** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **67.2629, 58.4349, 56.4498**, and the grayscale version is **76.8663, 80.8694, 88.0668**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.3504, 48.6618, 56.6616** is the 20% darker color. If you saturate the color by 10%, you get **65.9286, 85.1825, 98.7206**, and if you desaturate by 10%, it is **78.8562, 91.7473, 103.8276**.

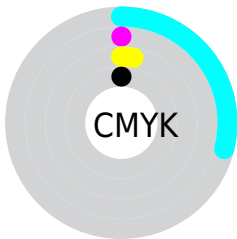
Distribution



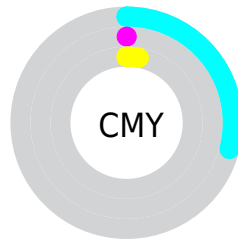
- Red (71%)
- Green (100%)
- Blue (97%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8399, 88.1805, 101.2299 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 71.8399, 88.1805, 101.2299 by changing the saturation by 10% instead.

71.8399, 88.1805,
101.2299

71.8399, 88.1805,
101.2299

456.1504,
522.0942, 585.4090

53.3129, 66.4726,
76.7055

120.8409,
144.8084, 164.9129

38.2811, 48.6561,
56.5011

152.0456,
180.4972, 204.9086

26.3791, 34.3468,
40.1981

188.2070,
221.6151, 250.8984

17.2417, 23.1601,
27.3781

229.6903,
268.5464, 303.3010

10.5033, 14.7118,
17.6224

276.8610,
321.6755, 362.5348

5.7987, 8.6174,
10.5126

330.0843,

2.7626, 4.4925,

381.3870, 429.0183

5.6301

389.7257,
448.0650, 503.1702

■ 1.0295, 1.9527,
2.5564

■ 0.0000, 0.5798,
0.8698

■ 71.8399, 88.1805,
101.2299

■ 71.8399, 88.1805,
101.2299

■ 65.9286, 85.1825,
98.7206

■ 78.8562, 91.7473,
103.8276

■ 61.0596, 82.7212,
96.2922

■ 87.0296, 95.9099,
106.5118

■ 57.1688, 80.7634,
93.9430

95.0500, 100.0000,
108.9000

■ 54.1835, 79.2716,
91.6695

■ 52.0210, 78.2033,
89.4676

■ 50.5831, 77.5078,
87.3327

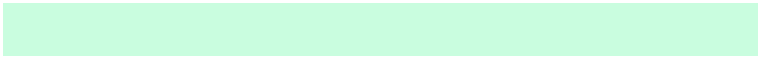
■ 49.7303, 77.1132,
85.2580

■ 49.6334, 77.0694,
84.9765

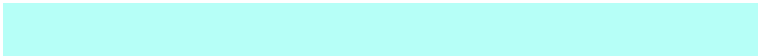
Harmonies

Analogous

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



72.5574, 88.1805, 83.0502



71.8399, 88.1805, 101.2299



74.1949, 88.1805, 120.2833

Triad

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



71.8399, 88.1805, 101.2299



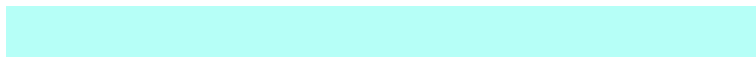
91.9066, 88.1805, 127.6341



88.6501, 88.1805, 66.0275

Complementary

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



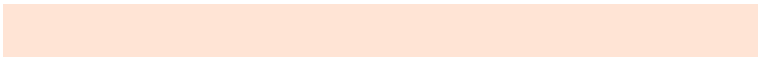
71.8399, 88.1805, 101.2299



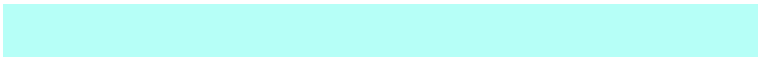
67.2629, 58.4349, 56.4498

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.



94.2282, 88.1805, 75.2500



71.8399, 88.1805, 101.2299



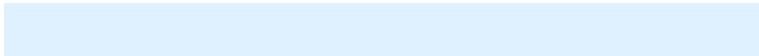
96.1762, 88.1805, 110.2603

Square

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



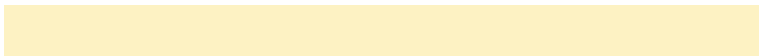
71.8399, 88.1805, 101.2299



85.6151, 88.1805, 136.7840



97.0474, 88.1805, 90.9796



82.0363, 88.1805, 64.2749

Rectangle

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



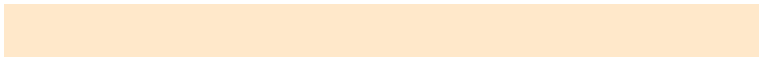
71.8399, 88.1805, 101.2299



77.2671, 88.1805, 130.3742



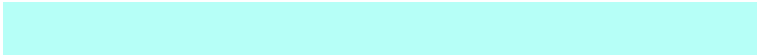
97.0474, 88.1805, 90.9796



90.7184, 88.1805, 68.2922

Sweetspot

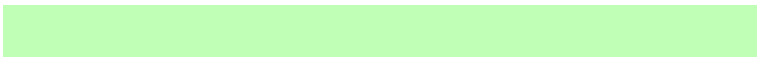
The Sweet Spot groups the original color and five complimentary colors.



71.8409, 88.1810, 101.2314



86.7027, 95.7433, 106.4099



65.5690, 85.9117, 57.3843



18.2890, 20.3559, 22.6914



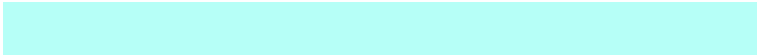
0.0000, 0.0000, 0.0000



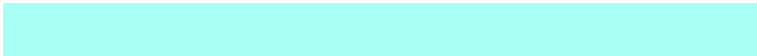
20.3446, 21.4041, 23.3091

Same Dimension

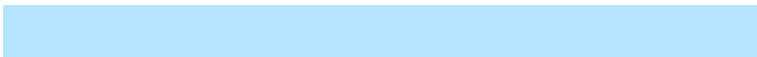
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8409, 88.1810, 101.2314



68.5304, 86.5010, 99.8717



64.8161, 72.1134, 105.1108



18.4641, 20.4452, 22.7467



25.9690, 40.2842, 44.5836



2.5520, 3.9317, 4.4646

Inverse Universe

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



67.2629, 58.4349, 56.4498



63.3138, 52.5825, 48.8265



72.7267, 70.7234, 54.0755



18.0903, 18.0194, 19.0925



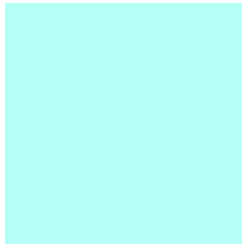
21.6837, 11.1628, 1.7190



2.1364, 1.0969, 0.2997

Previews

White Background



This preview shows how the XYZ color 71.8399, 88.1805, 101.2299 looks on a white background.

Color Contrast Check

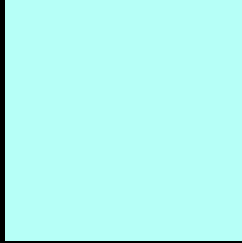
Large Text (above 18pt) WCAG AA × Fail

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 71.8399, 88.1805, 101.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

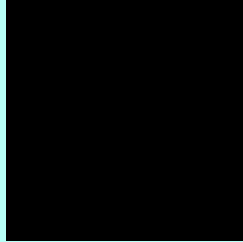
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

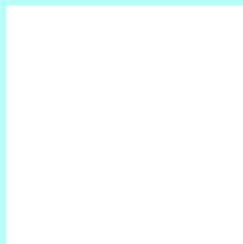
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8399, 88.1805, 101.2299

Background



This preview shows how black text looks on a background with the XYZ color 71.8399, 88.1805, 101.2299.

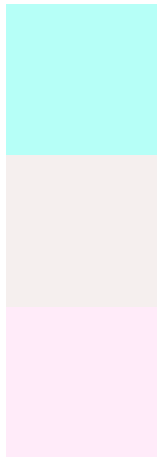


This preview shows how white text looks on a background with the XYZ color 71.8399, 88.1805,

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

71.8399, 88.1805, 101.2299

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

88.0472, 87.5162, 101.8743



Tritanopia

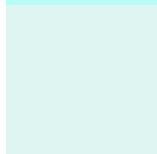
79.6158, 87.4302, 107.2873

Trichromacy



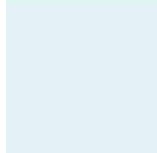
Original Color

71.8399, 88.1805, 101.2299



Protanomaly

78.6538, 87.1853, 95.9020



Deuteranomaly

80.6903, 86.7756, 101.3035



Tritanomaly

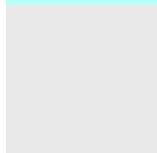
76.6232, 87.7588, 104.9961

Monochromacy



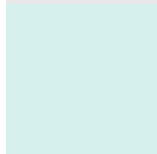
Original Color

71.8399, 88.1805, 101.2299



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.1777, 82.7307, 92.1798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8399, 88.1805, 101.2299 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 71.8399, 88.1805, 101.2299 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, 247) }
```


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

```
.border{ border-color:rgb(182, 255, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8399, 88.1805, 101.2299 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, 247) }
```

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

```
.background{ background-color: rgb(182,  
255, 247) }
```

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