

Converting Colors

XYZ(78.7899, 100.0000,
103.0256)

Have a look what the booklet for
XYZ(78.7899, 100.0000, 103.0256)
contains.

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Color

**XYZ(73.2875, 88.9268,
101.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFFF7
RGB	188, 255, 247
RGB Percent	74%, 100%, 97%
CMY	0.2627, 0.0000, 0.0314
CMYK	0.26, 0.00, 0.03, 0.00
HSL	173°, 100%, 87%
HSV	173°, 26%, 100%
XYZ	73.2875, 88.9268, 101.2976
YIQ	234.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

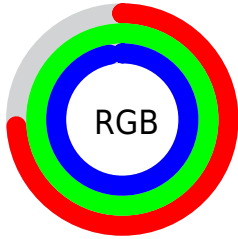
Format	Color
RYB	188, 224, 255
Decimal	12386295
CIELab	95.55, -22.32, -2.92
CIELCh	96, 22.514, 187.442
Yxy	88.9268, 0.2781, 0.3375
Android (android.graphics.Color)	4290576375 (0xFFBCFFF7)
YUV	234.0550, 6.3819, -40.3902
Hunter-Lab	94.3010, -26.3027, 2.3217

Details

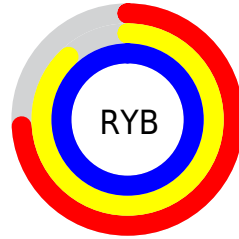
The XYZ color **73.2875, 88.9268, 101.2976** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1877, 61.2131, 60.3938**, and the grayscale version is **78.2217, 82.2953, 89.6196**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **39.2709, 49.1363, 56.7047** is the 20% darker color. If you saturate the color by 10%, you get **67.0853, 85.7832, 98.5762**, and if you desaturate by 10%, it is **80.6091, 92.6464, 104.1143**.

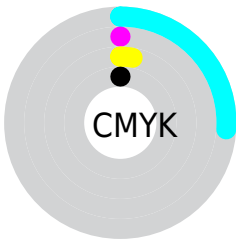
Distribution



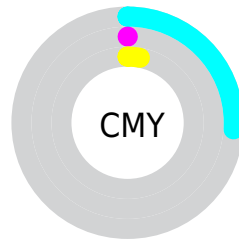
- Red (74%)
- Green (100%)
- Blue (97%)



- Red (74%)
- Yellow (88%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (26%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2875, 88.9268, 101.2976 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 73.2875, 88.9268, 101.2976 by changing the saturation by 10% instead.


 73.2875, 88.9268,
101.2976

 73.2875, 88.9268,
101.2976


461.0990,
524.5336, 585.6271

 54.5003, 67.0909,
76.7617


 122.8862,
145.8468, 165.0066

 39.2340, 49.1585,
56.5470


154.4284,
181.6996, 205.0169

 27.1234, 34.7452,
40.2347


190.9530,
222.9936, 251.0224

 17.8030, 23.4667,
27.4064

232.8253,
270.1130, 303.4417

 10.9075, 14.9385,
17.6435

280.4107,
323.4423, 362.6932

 6.0715, 8.7762,
10.5276

334.0746,

 2.9297, 4.5955,

383.3659, 429.1956

5.6400

394.1822,
450.2682, 503.3674

■ 1.1167, 2.0119,
2.5622

■ 0.0390, 0.6144,
0.8729

■ 73.2875, 88.9268,
101.2976

■ 73.2875, 88.9268,
101.2976

■ 67.0853, 85.7832,
98.5762

■ 80.6091, 92.6464,
104.1143

■ 61.9412, 83.1843,
95.9428

■ 89.1015, 96.9688,
107.0246

■ 57.7924, 81.0976,
93.3956

95.0500, 100.0000,
108.9000

■ 54.5681, 79.4866,
90.9311

■ 52.1883, 78.3101,
88.5455

■ 50.5593, 77.5198,
86.2340

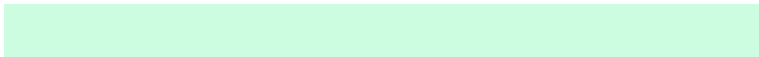
■ 49.5642, 77.0554,
83.9912

■ 49.2903, 76.9321,
83.1698

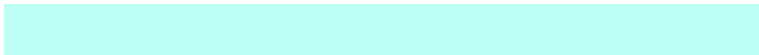
Harmonies

Analogous

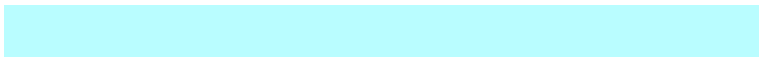
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0250, 88.9268, 84.3590



73.2875, 88.9268, 101.2976



75.4417, 88.9268, 119.0049

Triad

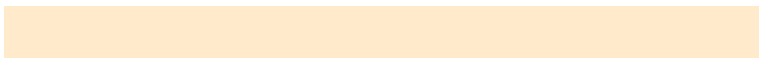
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2875, 88.9268, 101.2976



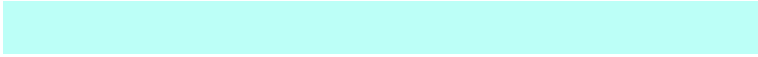
91.9480, 88.9268, 126.4104



89.1592, 88.9268, 68.6968

Complementary

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



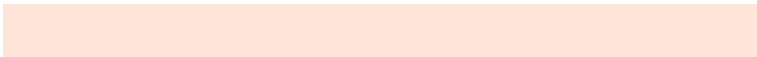
73.2875, 88.9268, 101.2976



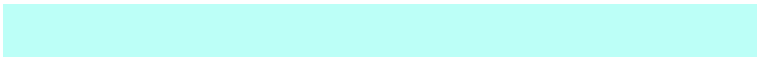
69.1877, 61.2131, 60.3938

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.



94.3038, 88.9268, 77.5899



73.2875, 88.9268, 101.2976



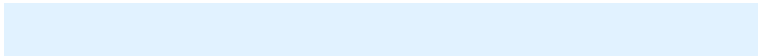
95.9678, 88.9268, 110.4648

Square

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



73.2875, 88.9268, 101.2976



86.0695, 88.9268, 134.6079



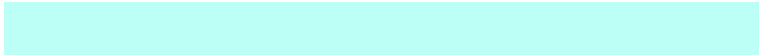
96.8502, 88.9268, 92.4883



82.9937, 88.9268, 66.8716

Rectangle

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



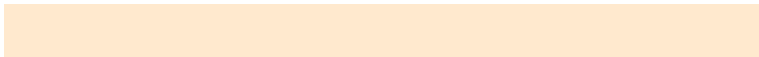
73.2875, 88.9268, 101.2976



78.2925, 88.9268, 128.4063



96.8502, 88.9268, 92.4883



91.0740, 88.9268, 70.9013

Sweetspot

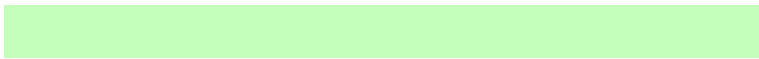
The Sweet Spot groups the original color and five complimentary colors.



73.2885, 88.9272, 101.2991



87.5493, 96.1783, 106.5152



67.8465, 87.0126, 60.7977



18.4560, 20.4419, 22.7041



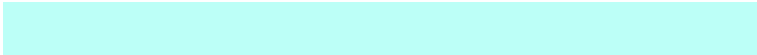
0.0000, 0.0000, 0.0000



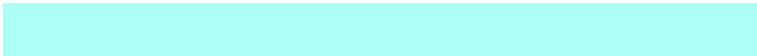
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2885, 88.9272, 101.2991



69.6031, 87.0583, 99.7287



67.2075, 74.7474, 105.4932



18.4560, 20.4419, 22.7041



25.7923, 40.2135, 43.6531



2.5366, 3.9255, 4.3833

Inverse Universe

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



69.1877, 61.2131, 60.3938



64.8224, 54.7256, 52.0236



74.0032, 72.2626, 57.6261



18.0976, 18.0223, 19.1309



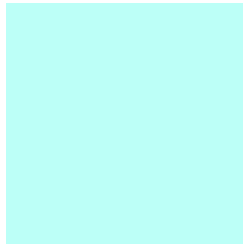
21.7018, 11.1700, 1.8140



2.1398, 1.0983, 0.3178

Previews

White Background



This preview shows how the XYZ color 73.2875, 88.9268, 101.2976 looks on a white background.

Color Contrast Check

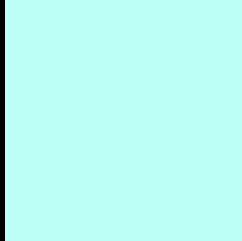
Large Text (above 18pt) WCAG AA × Fail

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 73.2875, 88.9268, 101.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

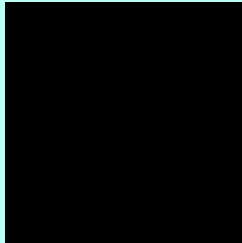
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

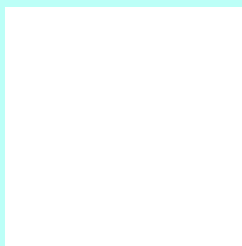
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2875, 88.9268, 101.2976

Background



This preview shows how black text looks on a background with the XYZ color 73.2875, 88.9268, 101.2976.

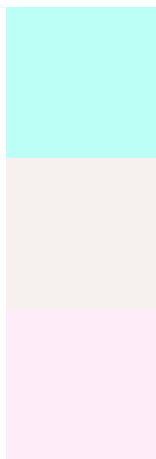


This preview shows how white text looks on a background with the XYZ color 73.2875, 88.9268,

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

73.2875, 88.9268, 101.2976

Protanopia

84.5987, 88.0861, 93.4324

Deuteranopia

88.3343, 88.0905, 101.9700



Tritanopia

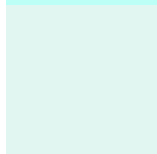
81.1300, 88.6611, 107.4450

Trichromacy



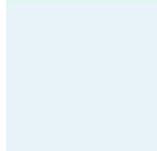
Original Color

73.2875, 88.9268, 101.2976



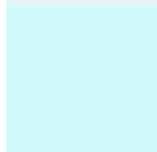
Protanomaly

79.5809, 87.6632, 95.9454



Deuteranomaly

81.9489, 87.8674, 101.4479



Tritanomaly

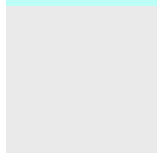
78.0247, 88.4813, 105.0617

Monochromacy



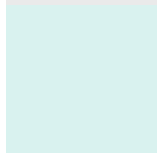
Original Color

73.2875, 88.9268, 101.2976



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9474, 84.4880, 93.9663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2875, 88.9268, 101.2976 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(188, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.2875, 88.9268, 101.2976 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(188, 255, 247) }
```


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

```
.border{ border-color:rgb(188, 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(188, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 255, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 255, 247); box-shadow:4px 4px 4px 4px rgb(188, 255, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2875, 88.9268, 101.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 247) }
```

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

```
.background{ background-color: rgb(188,  
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](#).

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