

Converting Colors

XYZ(71.1075, 86.6509,
105.7249)

Have a look what the booklet for
XYZ(71.1075, 86.6509, 105.7249)
contains.

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Color

**XYZ(71.2150, 86.8074,
105.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FDFD
RGB	178, 253, 253
RGB Percent	70%, 99%, 99%
CMY	0.3019, 0.0078, 0.0078
CMYK	0.30, 0.00, 0.00, 0.01
HSL	180°, 95%, 85%
HSV	180°, 30%, 99%
XYZ	71.2150, 86.8074, 105.9306
YIQ	230.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

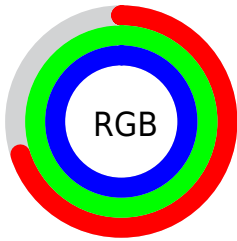
Format	Color
R _{YB}	178, 216, 253
Decimal	11730429
CIE _{Lab}	94.66, -22.84, -7.39
CIE _{LCh}	95, 24.002, 197.929
Yxy	86.8074, 0.2698, 0.3289
Android (android.graphics.Color)	4289920509 (0xFFB2FDFD)
YUV	230.5750, 11.0555, -46.1083
Hunter-Lab	93.1705, -26.6116, -2.1907

Details

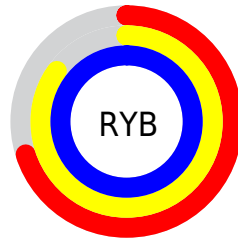
The XYZ color **71.2150, 86.8074, 105.9306** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **64.4673, 55.9403, 49.5226**, and the grayscale version is **75.5862, 79.5226, 86.6001**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **37.7298, 47.6030, 59.4243** is the 20% darker color. If you saturate the color by 10%, you get **65.9374, 84.0889, 105.6847**, and if you desaturate by 10%, it is **77.5683, 90.0848, 106.2306**.

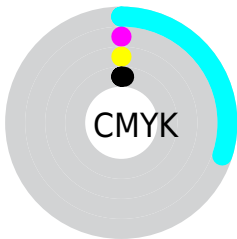
Distribution



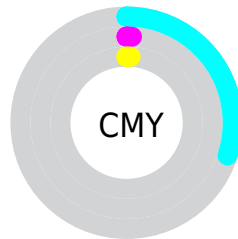
- Red (70%)
- Green (99%)
- Blue (99%)



- Red (70%)
- Yellow (85%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (30%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2150, 86.8074, 105.9306 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 71.2150, 86.8074, 105.9306 by changing the saturation by 10% instead.

71.2150, 86.8074,
105.9306

71.2150, 86.8074,
105.9306

454.0048,
517.5898, 600.4523

52.8008, 65.3358,
80.6182

119.9567,
142.8957, 171.4063

37.8706, 47.7334,
59.6980

151.0149,
178.2811, 212.4067

26.0591, 33.6158,
42.7516

187.0185,
219.0734, 259.4734

17.0007, 22.5986,
29.3603

228.3328,
265.6568, 313.0252

10.3303, 14.2974,
19.1056

275.3233,
318.4157, 373.4804

5.6825, 8.3278,
11.5690

328.3552,

2.6918, 4.3054,

377.7346, 441.2576

6.3320

387.7939,
443.9978, 516.7754

■ 0.9930, 1.8458,
2.9760

■ 0.0000, 0.5155,
1.0824

■ 71.2150, 86.8074,
105.9306

■ 71.2150, 86.8074,
105.9306

■ 65.9374, 84.0889,
105.6847

■ 77.5683, 90.0848,
106.2306

■ 61.6688, 81.8884,
105.4841

■ 85.0440, 93.9386,
106.5813

■ 58.3472, 80.1761,
105.3278

■ 93.6954, 98.3986,
106.9870

■ 55.9006, 78.9148,
105.2124

■ 94.0973, 98.6058,
107.0067

■ 54.2465, 78.0621,
105.1342

■ 94.0975, 98.6058,
107.0075

■ 53.2869, 77.5674,
105.0885

■ 94.0976, 98.6059,
107.0084

■ 52.8668, 77.3509,
105.0680

■ 94.0978, 98.6060,
107.0092

■ 52.8556, 77.3451,
105.0674

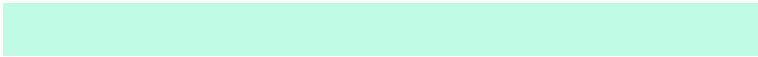
■ 94.0979, 98.6060,
107.0100

■ 94.0981, 98.6061,
107.0109

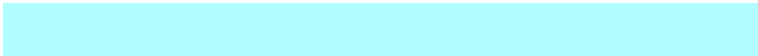
Harmonies

Analogous

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



70.9168, 86.8074, 87.2527



71.2150, 86.8074, 105.9306



74.4398, 86.8074, 123.5490

Triad

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



71.2150, 86.8074, 105.9306



92.1038, 86.8074, 120.4931



85.1403, 86.8074, 63.7498

Complementary

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



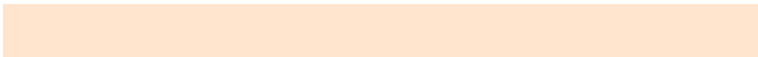
71.2150, 86.8074, 105.9306



64.4673, 55.9403, 49.5226

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.



91.1387, 86.8074, 70.4339



71.2150, 86.8074, 105.9306



95.2977, 86.8074, 102.1769

Square

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



71.2150, 86.8074, 105.9306



86.4019, 86.8074, 132.6842



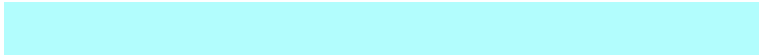
94.9355, 86.8074, 83.9570



78.7326, 86.8074, 64.4781

Rectangle

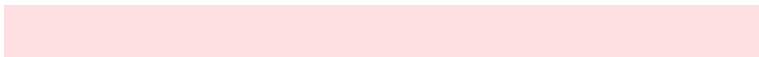
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



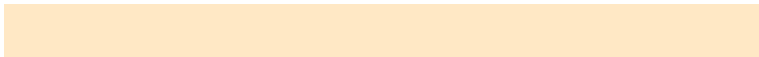
71.2150, 86.8074, 105.9306



77.9153, 86.8074, 131.5815



94.9355, 86.8074, 83.9570



87.2774, 86.8074, 65.1640

Sweetspot

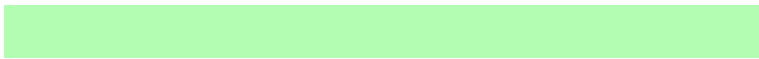
The Sweet Spot groups the original color and five complimentary colors.



71.2175, 86.8109, 105.9326



87.1048, 95.9041, 108.5274



61.8120, 83.0820, 54.8998



18.3888, 20.3959, 23.2174



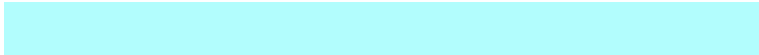
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

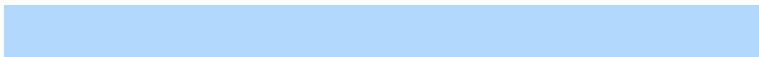
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2175, 86.8109, 105.9326



68.9547, 86.5474, 107.6757



60.8408, 66.0565, 102.4760



18.5549, 20.4815, 23.2252



28.1161, 41.1430, 55.8897



2.7376, 4.0060, 5.4418

Inverse Universe

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



64.4673, 55.9403, 49.5226



61.0019, 50.1771, 41.2161



72.6569, 72.3198, 52.2510



18.0095, 17.9871, 18.6671



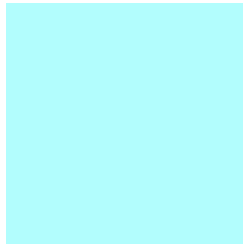
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 71.2150, 86.8074, 105.9306 looks on a white background.

Color Contrast Check

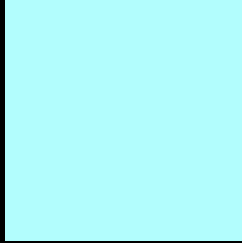
Large Text (above 18pt) WCAG AA × Fail

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 71.2150, 86.8074, 105.9306 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 71.2150, 86.8074, 105.9306

Background



This preview shows how black text looks on a background with the XYZ color 71.2150, 86.8074, 105.9306.

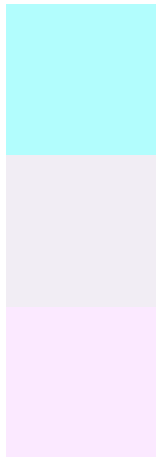


This preview shows how white text looks on a background with the XYZ color 71.2150, 86.8074,

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

71.2150, 86.8074, 105.9306

Protanopia

82.8889, 85.8008, 97.7804

Deuteranopia

86.9726, 86.0071, 106.6248



Tritanopia

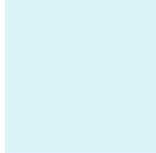
78.1430, 86.6709, 107.2183

Trichromacy



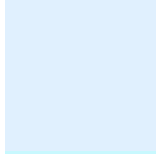
Original Color

71.2150, 86.8074, 105.9306



Protanomaly

77.7525, 85.7220, 100.4437



Deuteranomaly

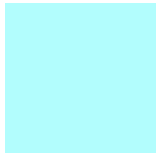
79.7900, 85.3232, 106.0296



Tritanomaly

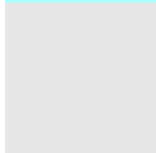
75.2762, 86.5699, 106.5081

Monochromacy



Original Color

71.2150, 86.8074, 105.9306



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.5979, 81.9620, 93.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2150, 86.8074, 105.9306 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(178, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(178, 253, 253)  
}
```

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(178, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 253, 253) }
```

Border

The CSS property to change the border of an element to XYZ 71.2150, 86.8074, 105.9306 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(178, 253, 253) }
```


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

```
.border{ border-color:rgb(178, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(178, 253,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2150, 86.8074, 105.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 253, 253) }
```

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

```
.background{ background-color: rgb(178,  
253, 253) }
```

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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