

Converting Colors

XYZ(70.0591, 86.3339,
105.7145)

Have a look what the booklet for
XYZ(70.0591, 86.3339, 105.7145)
contains.

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Color

**XYZ(70.0885, 86.2266,
105.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFDFD
RGB	173, 253, 253
RGB Percent	68%, 99%, 99%
CMY	0.3216, 0.0078, 0.0078
CMYK	0.32, 0.00, 0.00, 0.01
HSL	180°, 95%, 84%
HSV	180°, 32%, 99%
XYZ	70.0885, 86.2266, 105.8779
YIQ	229.0800, -47.6800, -16.9600

Conversions

Conversions Part 2

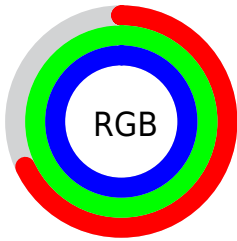
Format	Color
R _{YB}	173, 213, 253
Decimal	11402749
CIE _{Lab}	94.41, -24.18, -7.78
CIE _{LCh}	94, 25.400, 197.842
Y _{xy}	86.2266, 0.2673, 0.3289
Android (android.graphics.Color)	4289592829 (0xFFADDFDF)
Y _{UV}	229.0800, 11.7926, -49.1822
Hunter-Lab	92.8583, -27.7720, -2.6022

Details

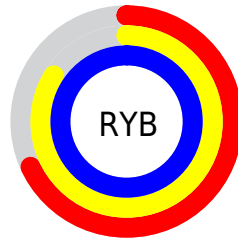
The XYZ color **70.0885, 86.2266, 105.8779** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.9974, 53.7895, 46.6005**, and the grayscale version is **74.4782, 78.3569, 85.3306**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **37.0399, 47.2473, 59.3920** is the 20% darker color. If you saturate the color by 10%, you get **65.0156, 83.6136, 105.6416**, and if you desaturate by 10%, it is **76.2257, 89.3926, 106.1677**.

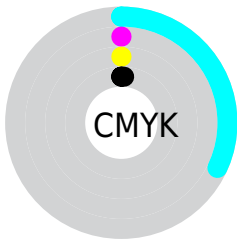
Distribution



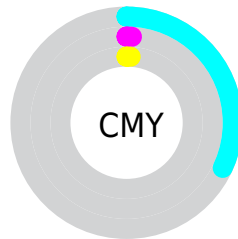
- Red (68%)
- Green (99%)
- Blue (99%)



- Red (68%)
- Yellow (84%)
- Blue (99%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (32%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0885, 86.2266, 105.8779 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 70.0885, 86.2266, 105.8779 by changing the saturation by 10% instead.

70.0885, 86.2266,
105.8779

70.0885, 86.2266,
105.8779

450.1223,
515.6781, 600.2847

51.8785, 64.8554,
80.5743

118.3605,
142.0857, 171.3337

37.1322, 47.3438,
59.6621

149.1533,
177.3423, 212.3229

25.4840, 33.3075,
42.7228

184.8711,
217.9962, 259.3777

16.5686, 22.3621,
29.3379

225.8792,
264.4317, 312.9166

10.0208, 14.1232,
19.0888

272.5430,
317.0332, 373.3583

5.4751, 8.2064,
11.5570

325.2279,

2.5662, 4.2273,

376.1852, 441.1211

6.3239

384.2992,
442.2720, 516.6238

0.9288, 1.8015,
2.9711

0.0000, 0.4881,
1.0799

70.0885, 86.2266,
105.8779

70.0885, 86.2266,
105.8779

65.0156, 83.6136,
105.6416

76.2257, 89.3926,
106.1677

60.9396, 81.5123,
105.4502

83.4750, 93.1297,
106.5077

57.7969, 79.8922,
105.3024

91.8901, 97.4678,
106.9022

55.5138, 78.7153,
105.1948

94.0972, 98.6056,
107.0062

■ 54.0054, 77.9377,
105.1235

■ 94.0973, 98.6056,
107.0069

■ 53.1693, 77.5067,
105.0837

■ 94.0974, 98.6057,
107.0077

■ 52.8557, 77.3450,
105.0684

■ 94.0976, 98.6058,
107.0084

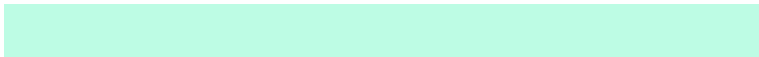
■ 94.0977, 98.6058,
107.0091

■ 94.0978, 98.6059,
107.0098

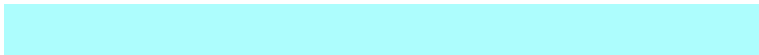
Harmonies

Analogous

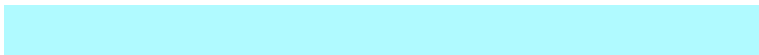
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7855, 86.2266, 86.1915



70.0885, 86.2266, 105.8779



73.4602, 86.2266, 124.5913

Triad

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



70.0885, 86.2266, 105.8779



92.0732, 86.2266, 121.4361



84.7506, 86.2266, 61.7315

Complementary

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



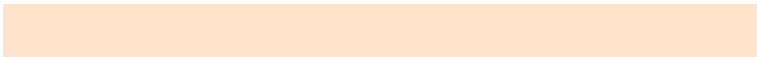
70.0885, 86.2266, 105.8779



62.9974, 53.7895, 46.6005

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.



91.0824, 86.2266, 68.6919



70.0885, 86.2266, 105.8779



95.4647, 86.2266, 102.0255

Square

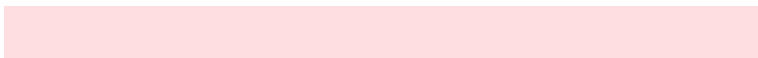
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0885, 86.2266, 105.8779



86.0425, 86.2266, 134.3959



95.0923, 86.2266, 82.8358



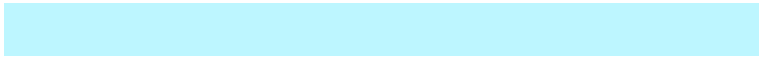
78.0006, 86.2266, 62.4637

Rectangle

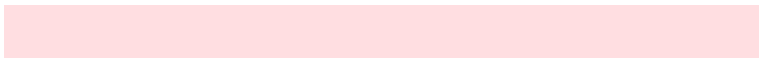
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0885, 86.2266, 105.8779



77.1055, 86.2266, 133.1701



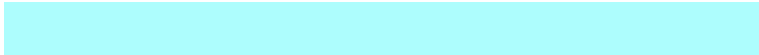
95.0923, 86.2266, 82.8358



87.0053, 86.2266, 63.2043

Sweetspot

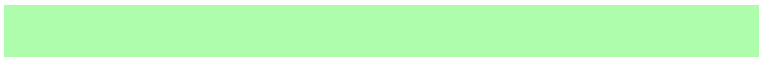
The Sweet Spot groups the original color and five complimentary colors.



70.0910, 86.2300, 105.8799



87.1048, 95.9041, 108.5275



60.2007, 82.3081, 52.2512



18.3889, 20.3959, 23.2174



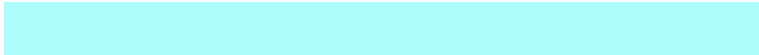
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.0910, 86.2300, 105.8799



67.9297, 86.0190, 107.6280



59.0968, 64.2410, 102.2173



18.5549, 20.4815, 23.2252



28.1162, 41.1431, 55.8904



2.7376, 4.0060, 5.4419

Inverse Universe

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



62.9974, 53.7895, 46.6005



59.6644, 48.2200, 38.5571



71.5141, 70.8233, 49.4382



18.0095, 17.9871, 18.6671



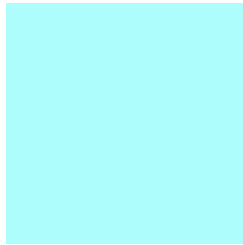
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 70.0885, 86.2266, 105.8779 looks on a white background.

Color Contrast Check

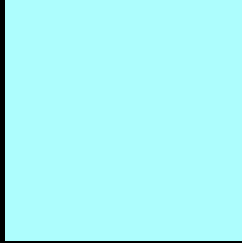
Large Text (above 18pt) WCAG AA × Fail

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 70.0885, 86.2266, 105.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

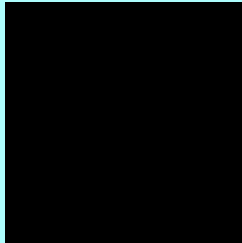
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0885, 86.2266, 105.8779

Background



This preview shows how black text looks on a background with the XYZ color 70.0885, 86.2266, 105.8779.

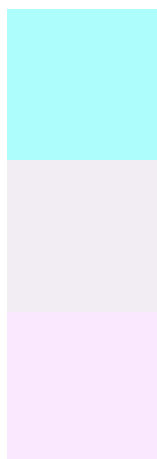


This preview shows how white text looks on a background with the XYZ color 70.0885, 86.2266,

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

70.0885, 86.2266, 105.8779

Protanopia

82.7375, 85.7402, 96.9828

Deuteranopia

86.3310, 85.2572, 106.5139



Tritanopia

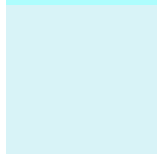
76.9790, 85.6230, 107.0774

Trichromacy



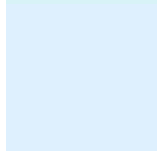
Original Color

70.0885, 86.2266, 105.8779



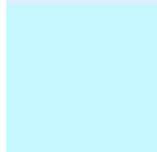
Protanomaly

77.1580, 85.4155, 100.4159



Deuteranomaly

79.1737, 85.0055, 106.0007



Tritanomaly

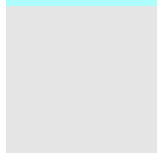
74.1761, 85.5476, 106.3688

Monochromacy



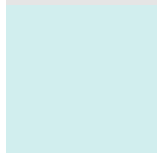
Original Color

70.0885, 86.2266, 105.8779



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.3016, 80.8774, 92.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0885, 86.2266, 105.8779 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(173, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 253, 253) }
```

Border

The CSS property to change the border of an element to XYZ 70.0885, 86.2266, 105.8779 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(173, 253, 253) }
```


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

```
.border{ border-color:rgb(173, 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(173, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(173, 253,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0885, 86.2266, 105.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 253, 253) }
```

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

```
.background{ background-color: rgb(173,  
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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