

Converting Colors

XYZ(76.9043, 88.7709,
107.6890)

Have a look what the booklet for
XYZ(76.9043, 88.7709, 107.6890)
contains.

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Color

**XYZ(76.9043, 88.7709,
107.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFBBF
RGB	202, 251, 255
RGB Percent	79%, 98%, 100%
CMY	0.2078, 0.0157, 0.0000
CMYK	0.21, 0.02, 0.00, 0.00
HSL	185°, 100%, 90%
HSV	185°, 21%, 100%
XYZ	76.9043, 88.7709, 107.6890
YIQ	236.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

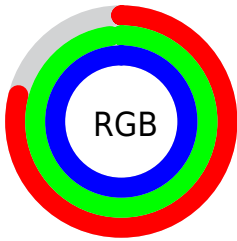
Format	Color
R_{YB}	202, 227, 255
Decimal	13302783
CIE Lab	95.48, -14.62, -7.05
CIE LCh	95, 16.233, 205.747
Yxy	88.7709, 0.2813, 0.3247
Android (android.graphics.Color)	4291492863 (0xFFCAF0FF)
YUV	236.8050, 8.9701, -30.5240
Hunter-Lab	94.2183, -19.1841, -1.8141

Details

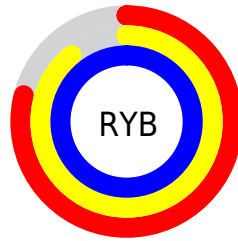
The XYZ color **76.9043, 88.7709, 107.6890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9718, 69.6660, 65.4270**, and the grayscale version is **80.2982, 84.4800, 91.9987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5175, 48.8638, 60.6695** is the 20% darker color. If you saturate the color by 10%, you get **69.9697, 84.3114, 107.1937**, and if you desaturate by 10%, it is **84.9897, 93.8374, 108.2407**.

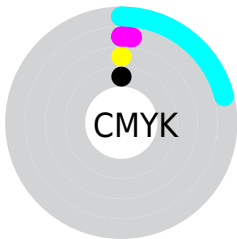
Distribution



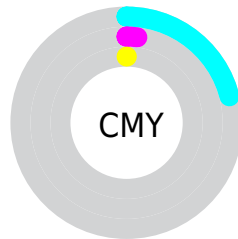
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9043, 88.7709, 107.6890 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 76.9043, 88.7709, 107.6890 by changing the saturation by 10% instead.

76.9043, 88.7709,
107.6890

76.9043, 88.7709,
107.6890

473.3346,
524.0245, 606.0289

57.4740, 66.9617,
82.0847

127.9779,
145.6299, 173.8279

41.6275, 49.0535,
60.8991

160.3520,
181.4486, 215.1996

28.9996, 34.6619,
43.7138

197.7713,
222.7058, 262.6641

19.2248, 23.4026,
30.1100

240.6013,
269.7860, 316.6401

11.9378, 14.8910,
19.6693

289.2072,
323.0735, 377.5460

6.7732, 8.7429,
11.9732

343.9545,

3.3657, 4.5739,

382.9529, 445.8004

6.6031

405.2085,
449.8084, 521.8219

■ 1.3500, 1.9995,
3.1405

■ 0.2202, 0.6072,
1.1668

■ 76.9043, 88.7709,
107.6890

■ 76.9043, 88.7709,
107.6890

■ 69.9697, 84.3114,
107.1937

■ 84.9897, 93.8374,
108.2407

■ 64.1229, 80.4193,
106.7506

■ 94.2710, 99.5271,
108.8498

■ 59.3056, 77.0670,
106.3574

■ 95.0500, 100.0000,
108.9000

■ 55.4511, 74.2200,
106.0111

■ 52.4849, 71.8399,
105.7080

■ 50.3215, 69.8825,
105.4442

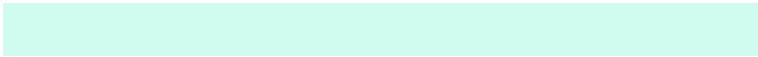
■ 48.8585, 68.2951,
105.2149

■ 47.9815, 67.0829,
105.0272

Harmonies

Analogous

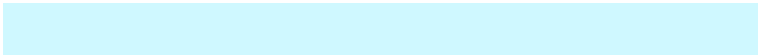
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1310, 88.7709, 94.8516



76.9043, 88.7709, 107.6890



79.6523, 88.7709, 118.3432

Triad

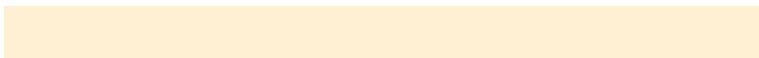
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9043, 88.7709, 107.6890



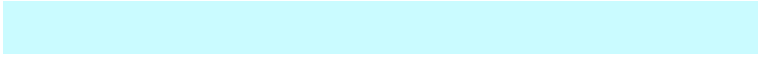
91.6408, 88.7709, 111.1053



85.0098, 88.7709, 74.2345

Complementary

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



76.9043, 88.7709, 107.6890



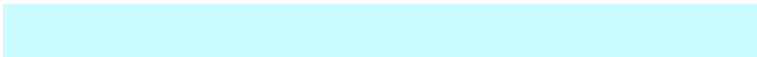
73.9718, 69.6660, 65.4270

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.



89.2789, 88.7709, 77.7954



76.9043, 88.7709, 107.6890



93.1916, 88.7709, 98.4840

Square

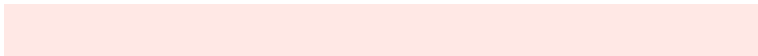
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9043, 88.7709, 107.6890



88.1432, 88.7709, 120.4340



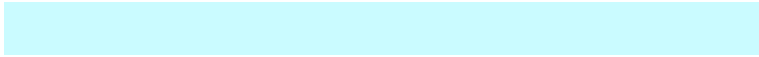
92.3125, 88.7709, 86.4043



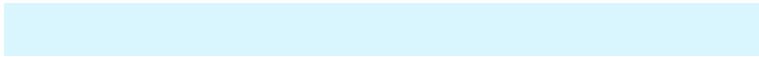
80.7140, 88.7709, 76.2345

Rectangle

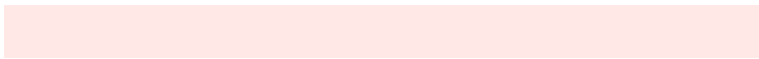
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



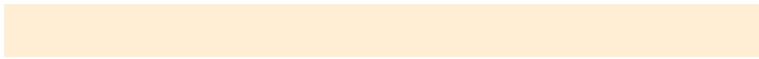
76.9043, 88.7709, 107.6890



82.2863, 88.7709, 122.3866



92.3125, 88.7709, 86.4043



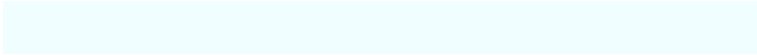
86.4969, 88.7709, 74.8116

Sweetspot

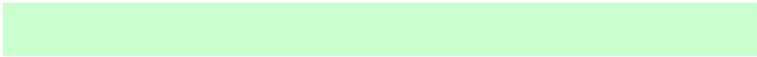
The Sweet Spot groups the original color and five complimentary colors.



76.9066, 88.7744, 107.6895



89.2766, 96.4791, 108.5247



71.2021, 88.5107, 71.4289



18.9801, 20.5715, 23.2203



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.



76.9066, 88.7744, 107.6895



73.8448, 86.8209, 107.4738



69.3245, 73.6102, 105.1621



18.4308, 20.2332, 23.1839



25.1207, 35.1510, 54.8954



2.4794, 3.4895, 5.3561

Inverse Universe

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



79.7746, 70.4677, 100.6680



77.2112, 65.5451, 99.1844



80.7673, 83.2571, 67.6922



18.7301, 18.2753, 22.4618



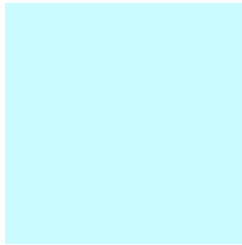
29.4680, 14.2765, 42.7104



2.8861, 1.3968, 4.2476

Previews

White Background



This preview shows how the XYZ color 76.9043, 88.7709, 107.6890 looks on a white background.

Color Contrast Check

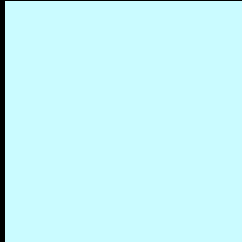
Large Text (above 18pt) WCAG AA × Fail

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 76.9043, 88.7709, 107.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

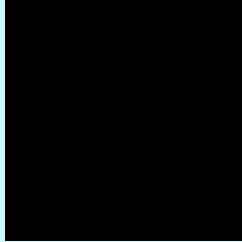
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9043, 88.7709, 107.6890

Background



This preview shows how black text looks on a background with the XYZ color 76.9043, 88.7709, 107.6890.



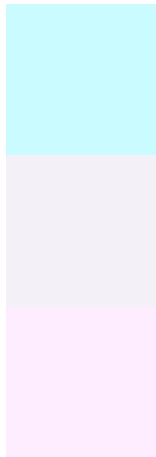
This preview shows how white text looks on a background with the XYZ color 76.9043, 88.7709,

107.6890.

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

76.9043, 88.7709, 107.6890

Protanopia

85.4116, 88.3306, 101.3548

Deuteranopia

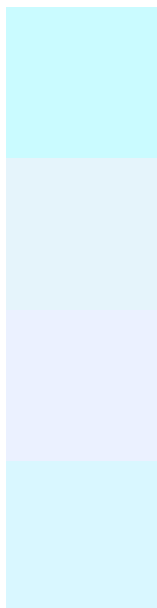
88.9185, 88.2817, 106.9613



Tritanopia

81.7537, 88.5324, 107.3873

Trichromacy



Original Color

76.9043, 88.7709, 107.6890

Protanomaly

82.0764, 88.3244, 103.9892

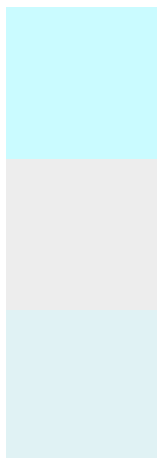
Deuteranomaly

83.7662, 87.7928, 107.1385

Tritanomaly

79.9260, 88.4932, 107.4761

Monochromacy



Original Color

76.9043, 88.7709, 107.6890

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

78.8217, 85.8832, 98.0107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9043, 88.7709, 107.6890 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(202, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 251, 255)  
}
```

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(202, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9043, 88.7709, 107.6890 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(202, 251, 255) }
```


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

```
.border{ border-color:rgb(202, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9043, 88.7709, 107.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 251, 255) }
```

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

```
.background{ background-color: rgb(202,  
251, 255) }
```

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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