

Converting Colors

XYZ(76.4861, 86.5823,
125.8498)

Have a look what the booklet for
XYZ(76.4861, 86.5823, 125.8498)
contains.

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Color

**XYZ(73.1033, 85.4312,
107.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF8FF
RGB	191, 248, 255
RGB Percent	75%, 97%, 100%
CMY	0.2510, 0.0274, 0.0000
CMYK	0.25, 0.03, 0.00, 0.00
HSL	187°, 100%, 87%
HSV	187°, 25%, 100%
XYZ	73.1033, 85.4312, 107.2447
YIQ	231.7550, -36.2190, -9.9070

Conversions

Conversions Part 2

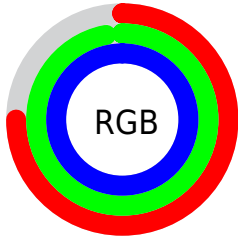
Format	Color
R_{YB}	191, 221, 255
Decimal	12581119
CIE _{Lab}	94.07, -16.32, -9.22
CIE _{LCh}	94, 18.747, 209.454
Yxy	85.4312, 0.2751, 0.3214
Android (android.graphics.Color)	4290771199 (0xFFBFF8FF)
YUV	231.7550, 11.4598, -35.7421
Hunter-Lab	92.4290, -20.5728, -4.0935

Details

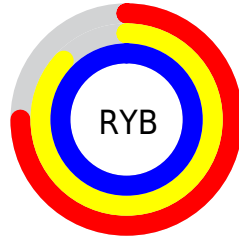
The XYZ color **73.1033, 85.4312, 107.2447** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8380, 65.4092, 58.1837**, and the grayscale version is **76.4570, 80.4387, 87.5977**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **39.1960, 47.0107, 60.4342** is the 20% darker color. If you saturate the color by 10%, you get **66.3902, 80.7099, 106.6872**, and if you desaturate by 10%, it is **80.9501, 90.7602, 107.8597**.

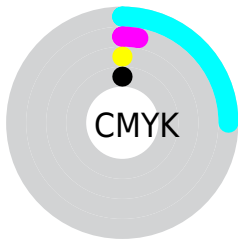
Distribution



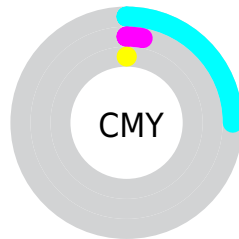
- Red (75%)
- Green (97%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1033, 85.4312, 107.2447 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 73.1033, 85.4312, 107.2447 by changing the saturation by 10% instead.


 73.1033, 85.4312,
107.2447

 73.1033, 85.4312,
107.2447


460.4710,
513.0538, 604.6224

 54.3491, 64.1977,
81.7140


 122.6262,
140.9755, 173.2164

 39.1126, 46.8108,
60.5954


154.1256,
176.0551, 214.4945

 27.0285, 32.8861,
43.4703


190.6041,
216.5188, 261.8588

 17.7313, 22.0392,
29.9202

232.4271,
262.7511, 315.7278

 10.8558, 13.8857,
19.5265

279.9600,
315.1364, 376.5202

 6.0365, 8.0412,
11.8706

333.5680,

 2.9082, 4.1213,

374.0590, 444.6544

6.5342

393.6165,
439.9033, 520.5489

■ 1.1054, 1.7417,
3.0985

■ 0.0296, 0.4504,
1.1452

■ 73.1033, 85.4312,
107.2447

■ 73.1033, 85.4312,
107.2447

■ 66.3902, 80.7099,
106.6872

■ 80.9501, 90.7602,
107.8597

■ 60.7461, 76.5564,
106.1830

■ 89.9775, 96.7148,
108.5332

■ 56.1102, 72.9414,
105.7295

95.0500, 100.0000,
108.9000

■ 52.4125, 69.8288,
105.3236

■ 49.5745, 67.1780,
104.9615

■ 47.5041, 64.9415,
104.6390

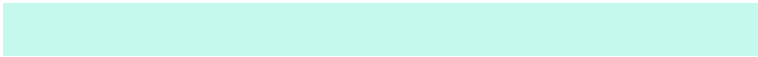
■ 46.0882, 63.0608,
104.3506

■ 45.5539, 62.2278,
104.2180

Harmonies

Analogous

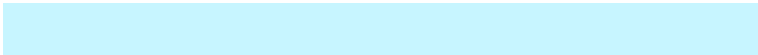
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9499, 85.4312, 92.7576



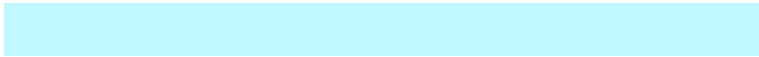
73.1033, 85.4312, 107.2447



76.4053, 85.4312, 118.8387

Triad

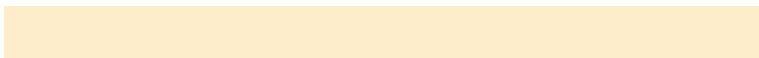
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1033, 85.4312, 107.2447



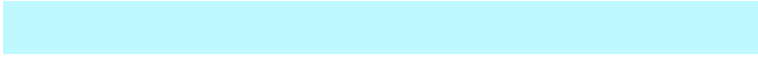
89.7750, 85.4312, 107.7457



81.2915, 85.4312, 68.0874

Complementary

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



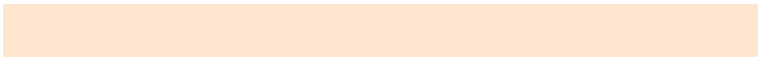
73.1033, 85.4312, 107.2447



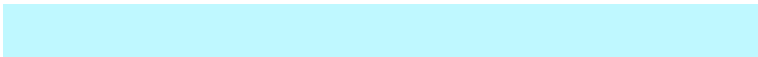
70.8380, 65.4092, 58.1837

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.



86.1908, 85.4312, 71.2411



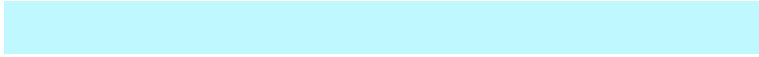
73.1033, 85.4312, 107.2447



91.2104, 85.4312, 93.2830

Square

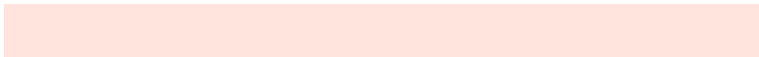
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1033, 85.4312, 107.2447



86.0256, 85.4312, 119.1482



89.8731, 85.4312, 80.1123



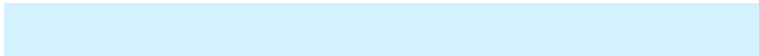
76.5580, 85.4312, 71.0214

Rectangle

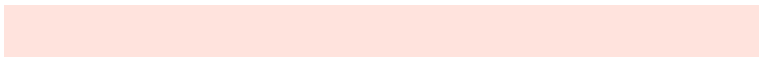
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



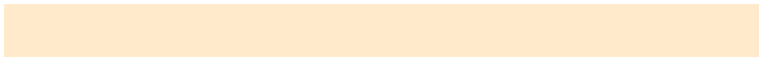
73.1033, 85.4312, 107.2447



79.4508, 85.4312, 122.8389



89.8731, 85.4312, 80.1123



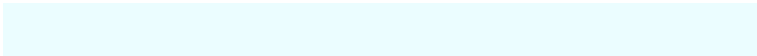
82.9743, 85.4312, 68.4653

Sweetspot

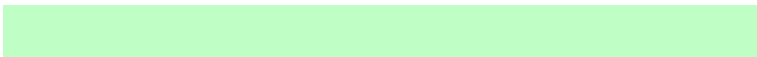
The Sweet Spot groups the original color and five complimentary colors.



73.1055, 85.4345, 107.2452



87.2318, 94.9197, 108.3315



67.3709, 86.6465, 66.2393



18.3753, 20.1222, 23.1654



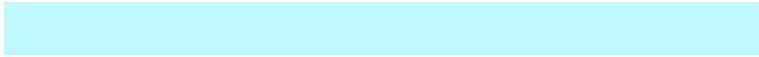
0.0000, 0.0000, 0.0000



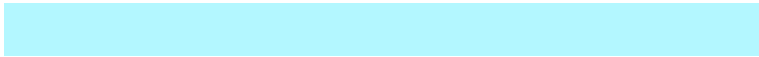
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1055, 85.4345, 107.2452



69.6753, 83.0447, 106.9647



64.2470, 67.7175, 104.2923



18.3753, 20.1222, 23.1654



23.8711, 32.6517, 54.4789



2.3707, 3.2721, 5.3199

Inverse Universe

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



76.8155, 65.3006, 97.3665



73.9928, 59.9932, 95.3832



78.7748, 81.2827, 60.8293



18.7021, 18.2641, 22.3143



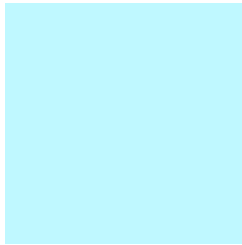
28.8372, 14.0242, 39.3888



2.8312, 1.3749, 3.9586

Previews

White Background



This preview shows how the XYZ color 73.1033, 85.4312, 107.2447 looks on a white background.

Color Contrast Check

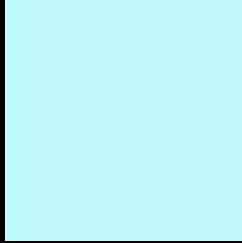
Large Text (above 18pt) WCAG AA × Fail

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 73.1033, 85.4312, 107.2447 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 73.1033, 85.4312, 107.2447

Background



This preview shows how black text looks on a background with the XYZ color 73.1033, 85.4312, 107.2447.

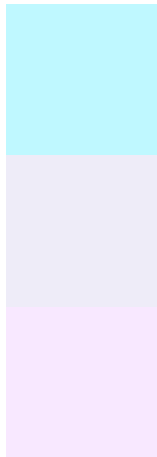


This preview shows how white text looks on a background with the XYZ color 73.1033, 85.4312,

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

73.1033, 85.4312, 107.2447

Protanopia

82.1986, 84.9454, 100.8707

Deuteranopia

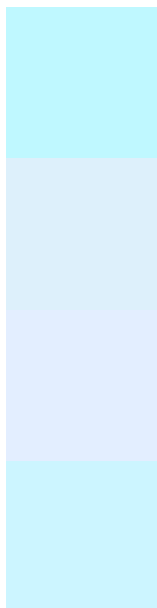
85.6180, 84.8897, 106.4805



Tritanopia

77.2520, 85.3182, 107.0042

Trichromacy



Original Color

73.1033, 85.4312, 107.2447

Protanomaly

78.3915, 84.6574, 103.4756

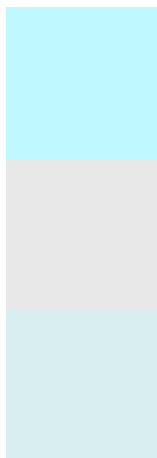
Deuteranomaly

80.3031, 84.7000, 106.7240

Tritanomaly

75.6042, 85.3622, 107.0995

Monochromacy



Original Color

73.1033, 85.4312, 107.2447

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

74.9180, 82.1921, 94.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1033, 85.4312, 107.2447 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(191, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 248, 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(191, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.1033, 85.4312, 107.2447 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(191, 248, 255) }
```


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

```
.border{ border-color:rgb(191, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1033, 85.4312, 107.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 248, 255) }
```

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

```
.background{ background-color: rgb(191,  
248, 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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