

Converting Colors

XYZ(82.2850, 90.2417,
150.3142)

Have a look what the booklet for
XYZ(82.2850, 90.2417, 150.3142)
contains.

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Color

**XYZ(73.9738, 86.7977,
107.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FAFF
RGB	192, 250, 255
RGB Percent	75%, 98%, 100%
CMY	0.2470, 0.0196, 0.0000
CMYK	0.25, 0.02, 0.00, 0.00
HSL	185°, 100%, 88%
HSV	185°, 25%, 100%
XYZ	73.9738, 86.7977, 107.4625
YIQ	233.2280, -36.1730, -10.7410

Conversions

Conversions Part 2

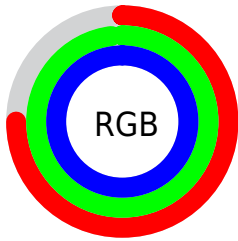
Format	Color
RYB	192, 222, 255
Decimal	12647167
CIELab	94.65, -17.03, -8.35
CIELCh	95, 18.964, 206.111
Yxy	86.7977, 0.2758, 0.3236
Android (android.graphics.Color)	4290837247 (0xFFC0FAFF)
YUV	233.2280, 10.7336, -36.1570
Hunter-Lab	93.1653, -21.3092, -3.1730

Details

The XYZ color **73.9738, 86.7977, 107.4625** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7205, 64.9975, 58.6892**, and the grayscale version is **77.5669, 81.6064, 88.8694**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **39.5795, 47.5355, 60.5153** is the 20% darker color. If you saturate the color by 10%, you get **67.4437, 82.5058, 106.9783**, and if you desaturate by 10%, it is **81.6338, 91.6866, 108.0025**.

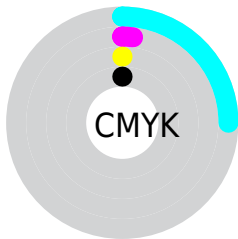
Distribution



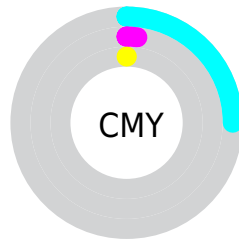
- Red (75%)
- Green (98%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9738, 86.7977, 107.4625 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 73.9738, 86.7977, 107.4625 by changing the saturation by 10% instead.

73.9738, 86.7977,
107.4625

73.9738, 86.7977,
107.4625

463.4346,
517.5579, 605.3121

55.0638, 65.3278,
81.8957

123.8544,
142.8821, 173.5162

39.6868, 47.7269,
60.7443

155.5556,
178.2655, 214.8402

27.4776, 33.6107,
43.5896

192.2514,
219.0554, 262.2536

18.0707, 22.5947,
30.0132

234.3070,
265.6363, 316.1751

11.1007, 14.2945,
19.5965

282.0877,
318.3926, 377.0232

6.2024, 8.3258,
11.9209

335.9590,

3.0104, 4.3041,

377.7087, 445.2163

6.5679

396.2862,
443.9690, 521.1731

■ 1.1593, 1.8451,
3.1191

■ 0.0738, 0.5150,
1.1558

■ 73.9738, 86.7977,
107.4625

■ 73.9738, 86.7977,
107.4625

■ 67.4437, 82.5058,
106.9783

■ 81.6338, 91.6866,
108.0025

■ 61.9789, 78.7708,
106.5454

■ 90.4704, 97.1898,
108.5989

■ 57.5189, 75.5638,
106.1614

95.0500, 100.0000,
108.9000

■ 53.9942, 72.8488,
105.8232

■ 51.3265, 70.5855,
105.5269

■ 49.4245, 68.7268,
105.2684

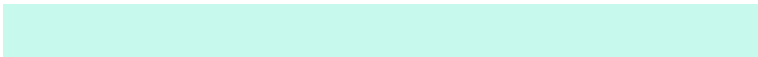
■ 48.1762, 67.2149,
105.0424

■ 47.6956, 66.5113,
104.9319

Harmonies

Analogous

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



73.0647, 86.7977, 92.6093



73.9738, 86.7977, 107.4625



77.1322, 86.7977, 119.8874

Triad

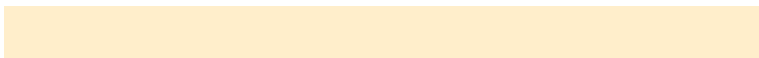
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9738, 86.7977, 107.4625



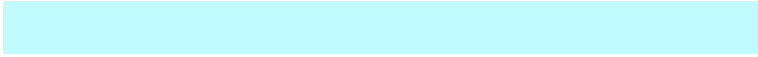
90.9403, 86.7977, 111.1098



83.1678, 86.7977, 69.0857

Complementary

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



73.9738, 86.7977, 107.4625



70.7205, 64.9975, 58.6892

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.



88.1083, 86.7977, 72.9896



73.9738, 86.7977, 107.4625



92.7115, 86.7977, 96.4323

Square

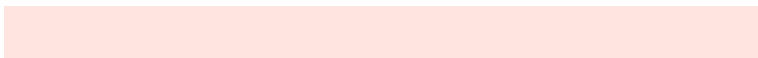
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9738, 86.7977, 107.4625



86.9060, 86.7977, 122.1413



91.6544, 86.7977, 82.6387



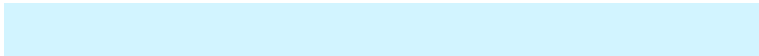
78.2428, 86.7977, 71.3924

Rectangle

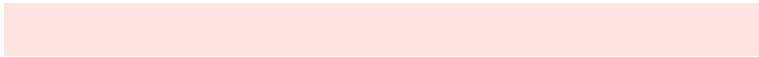
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9738, 86.7977, 107.4625



80.1589, 86.7977, 124.5926



91.6544, 86.7977, 82.6387



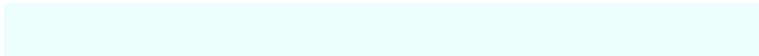
84.8834, 86.7977, 69.7036

Sweetspot

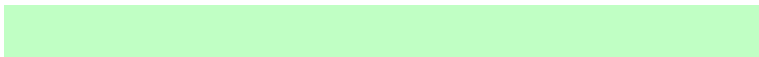
The Sweet Spot groups the original color and five complimentary colors.



73.9761, 86.8011, 107.4631



88.3353, 95.8706, 108.4569



67.4858, 86.7216, 65.5276



18.7895, 20.4472, 23.2063



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.



73.9761, 86.8011, 107.4631



70.3804, 84.4550, 107.1997



65.1992, 69.2474, 104.5375



18.4244, 20.2204, 23.1818



24.9736, 34.8569, 54.8464



2.4667, 3.4640, 5.3519

Inverse Universe

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



77.3464, 65.8630, 99.0827



74.3487, 60.1356, 97.2575



78.4160, 80.3885, 61.2544



18.7269, 18.2741, 22.4448



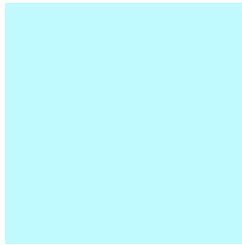
29.3937, 14.2468, 42.3194



2.8797, 1.3942, 4.2137

Previews

White Background



This preview shows how the XYZ color 73.9738, 86.7977, 107.4625 looks on a white background.

Color Contrast Check

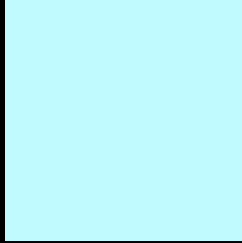
Large Text (above 18pt) WCAG AA × Fail

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 73.9738, 86.7977, 107.4625 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 73.9738, 86.7977, 107.4625

Background



This preview shows how black text looks on a background with the XYZ color 73.9738, 86.7977, 107.4625.



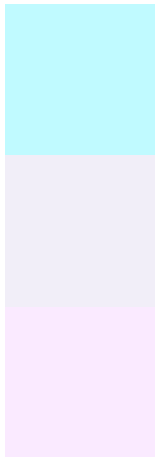
This preview shows how white text looks on a background with the XYZ color 73.9738, 86.7977,

107.4625.

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

73.9738, 86.7977, 107.4625

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

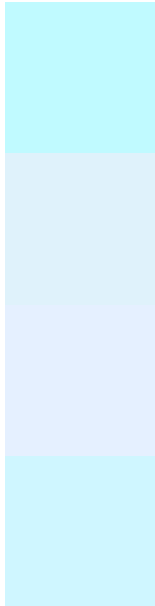
86.8972, 86.3896, 106.7026



Tritanopia

78.7196, 86.5203, 107.1589

Trichromacy



Original Color

73.9738, 86.7977, 107.4625

Protanomaly

79.5961, 86.1573, 103.7016

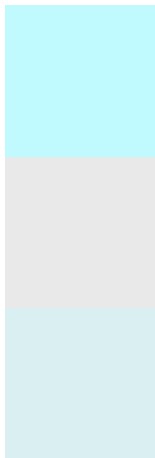
Deuteranomaly

81.5232, 86.1982, 106.9489

Tritanomaly

76.7379, 86.3969, 107.2395

Monochromacy



Original Color

73.9738, 86.7977, 107.4625

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.6571, 82.9893, 95.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9738, 86.7977, 107.4625 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(192, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 250, 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(192, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9738, 86.7977, 107.4625 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(192, 250, 255) }
```


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

```
.border{ border-color:rgb(192, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9738, 86.7977, 107.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 250, 255) }
```

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

```
.background{ background-color: rgb(192,  
250, 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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