

Converting Colors

XYZ(74.1890, 87.6183,
104.5917)

Have a look what the booklet for
XYZ(74.1890, 87.6183, 104.5917)
contains.

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Color

**XYZ(73.9021, 87.2969,
104.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FBFB
RGB	193, 251, 251
RGB Percent	76%, 98%, 98%
CMY	0.2431, 0.0157, 0.0157
CMYK	0.23, 0.00, 0.00, 0.02
HSL	180°, 88%, 87%
HSV	180°, 23%, 98%
XYZ	73.9021, 87.2969, 104.2217
YIQ	233.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

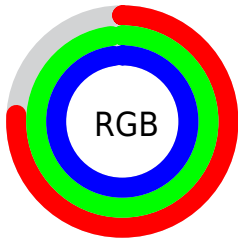
Format	Color
R_{YB}	193, 222, 251
Decimal	12712955
CIE _{Lab}	94.86, -18.09, -5.96
CIE _{LCh}	95, 19.046, 198.233
Yxy	87.2969, 0.2784, 0.3289
Android (android.graphics.Color)	4290903035 (0xFFC1FBFB)
YUV	233.6580, 8.5496, -35.6571
Hunter-Lab	93.4328, -22.3201, -0.7334

Details

The XYZ color **73.9021, 87.2969, 104.2217** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4824, 62.5019, 58.9103**, and the grayscale version is **77.9064, 81.9636, 89.2584**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **39.6233, 47.9270, 58.7922** is the 20% darker color. If you saturate the color by 10%, you get **68.0390, 84.2766, 103.9480**, and if you desaturate by 10%, it is **80.8562, 90.8841, 104.5502**.

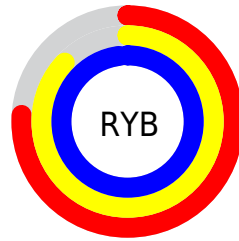
Distribution



Red (76%)

Green (98%)

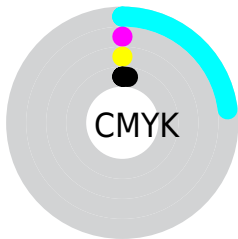
Blue (98%)



Red (76%)

Yellow (87%)

Blue (98%)

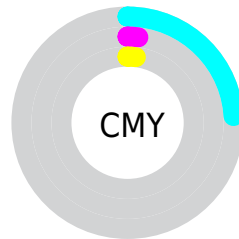


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9021, 87.2969, 104.2217 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 73.9021, 87.2969, 104.2217 by changing the saturation by 10% instead.

73.9021, 87.2969,
104.2217

73.9021, 87.2969,
104.2217

463.1909,
519.1980, 595.0066

55.0049, 65.7409,
79.1945

123.7533,
143.5779, 169.0491

39.6395, 48.0621,
58.5334

155.4380,
179.0717, 209.6862

27.4405, 33.8761,
41.8201

192.1158,
219.9803, 256.3638

18.0427, 22.7984,
28.6359

234.1523,
266.6880, 309.5003

11.0805, 14.4447,
18.5624

281.9127,
319.5792, 369.5143

6.1887, 8.4306,
11.1809

335.7624,

3.0019, 4.3717,

379.0383, 436.8244

6.0729

396.0667,
445.4498, 511.8489

■ 1.1548, 1.8836,
2.8200

■ 0.0702, 0.5385,
1.0035

■ 73.9021, 87.2969,
104.2217

■ 73.9021, 87.2969,
104.2217

■ 68.0390, 84.2766,
103.9480

■ 80.8562, 90.8841,
104.5502

■ 63.2046, 81.7844,
103.7206

■ 88.9446, 95.0538,
104.9299


■ 59.3416, 79.7930,
103.5386


■ 93.1523, 97.2229,
105.1280


■ 56.3846, 78.2686,
103.3991


■ 93.1525, 97.2230,
105.1291


 54.2597, 77.1732,
103.2985


 93.1527, 97.2231,
105.1303


 52.8815, 76.4628,
103.2328


 93.1529, 97.2232,
105.1315

 52.1466, 76.0839,
103.1972

 93.1532, 97.2232,
105.1327

 51.9099, 75.9619,
103.1854

 93.1534, 97.2233,
105.1339

 93.1536, 97.2234,
105.1350

Harmonies

Analogous

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



73.6343, 87.2969, 89.3739



73.9021, 87.2969, 104.2217



76.5383, 87.2969, 117.8584

Triad

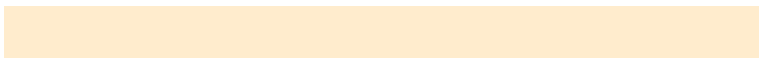
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9021, 87.2969, 104.2217



90.5952, 87.2969, 115.2622



85.0129, 87.2969, 69.8599

Complementary

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



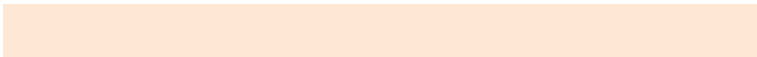
73.9021, 87.2969, 104.2217



68.4824, 62.5019, 58.9103

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.



89.7587, 87.2969, 75.3947



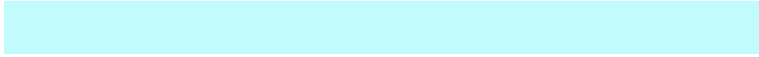
73.9021, 87.2969, 104.2217



93.0698, 87.2969, 100.9646

Square

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



73.9021, 87.2969, 104.2217



86.1161, 87.2969, 124.6736



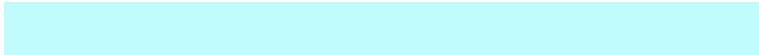
92.7575, 87.2969, 86.4356



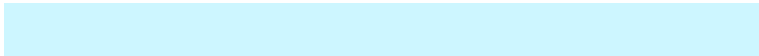
79.9074, 87.2969, 70.5377

Rectangle

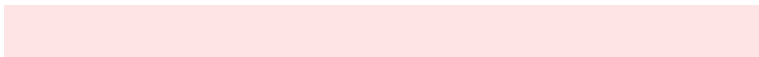
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



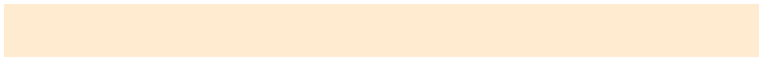
73.9021, 87.2969, 104.2217



79.3480, 87.2969, 123.9568



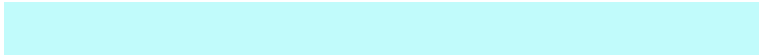
92.7575, 87.2969, 86.4356



86.7069, 87.2969, 71.0301

Sweetspot

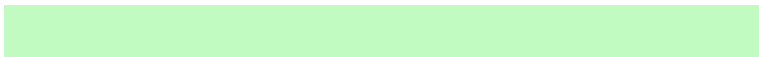
The Sweet Spot groups the original color and five complimentary colors.



73.9046, 87.3005, 104.2237



88.7850, 96.7703, 108.6060



66.3650, 84.3132, 63.2300



18.8940, 20.6563, 23.2410



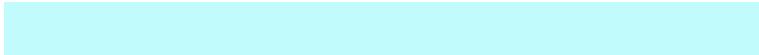
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

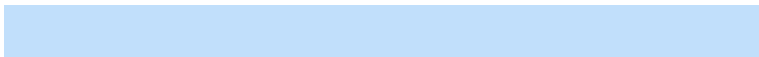
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9046, 87.3005, 104.2237



73.4808, 88.8808, 107.8872



65.7863, 71.0628, 101.5201



17.7659, 19.6086, 22.2335



27.2847, 39.9269, 54.2361



2.5271, 3.6979, 5.0233

Inverse Universe

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



68.4824, 62.5019, 58.9103



66.9078, 58.8191, 52.9569



75.2777, 76.0931, 61.1736



17.2447, 17.2252, 17.8785



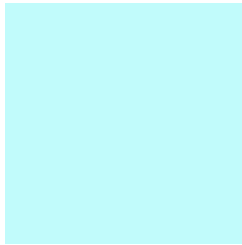
20.9120, 10.7805, 0.9790



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 73.9021, 87.2969, 104.2217 looks on a white background.

Color Contrast Check

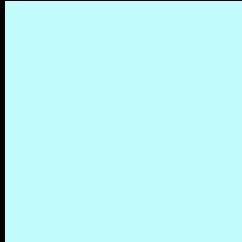
Large Text (above 18pt) WCAG AA × Fail

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 73.9021, 87.2969, 104.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

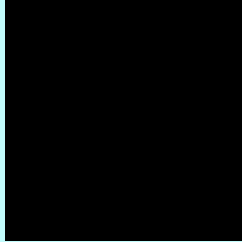
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9021, 87.2969, 104.2217

Background



This preview shows how black text looks on a background with the XYZ color 73.9021, 87.2969, 104.2217.

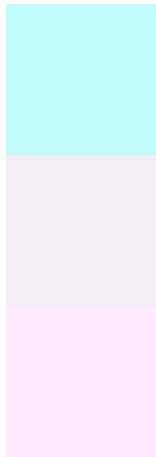


This preview shows how white text looks on a background with the XYZ color 73.9021, 87.2969,

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

73.9021, 87.2969, 104.2217

Protanopia

83.3701, 86.4974, 97.0956

Deuteranopia

88.2683, 86.6936, 105.8472



Tritanopia

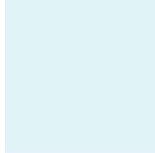
79.3141, 86.8268, 107.1867

Trichromacy



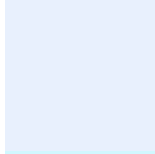
Original Color

73.9021, 87.2969, 104.2217



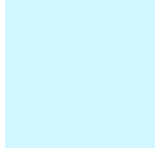
Protanomaly

79.4256, 86.6023, 99.7185



Deuteranomaly

82.1684, 86.5678, 105.3070



Tritanomaly

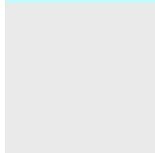
77.4447, 87.2326, 106.5217

Monochromacy



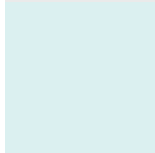
Original Color

73.9021, 87.2969, 104.2217



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.1017, 83.6715, 94.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9021, 87.2969, 104.2217 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(193, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 251, 251)  
}
```

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(193, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.9021, 87.2969, 104.2217 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(193, 251, 251) }
```


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

```
.border{ border-color:rgb(193, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9021, 87.2969, 104.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 251, 251) }
```

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

```
.background{ background-color: rgb(193,  
251, 251) }
```

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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