

Converting Colors

XYZ(72.1270, 82.1619,
104.3155)

Have a look what the booklet for
XYZ(72.1270, 82.1619, 104.3155)
contains.

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Color

**XYZ(72.0878, 82.2683,
104.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F2FC
RGB	196, 242, 252
RGB Percent	77%, 95%, 99%
CMY	0.2314, 0.0510, 0.0118
CMYK	0.22, 0.04, 0.00, 0.01
HSL	191°, 90%, 88%
HSV	191°, 22%, 99%
XYZ	72.0878, 82.2683, 104.1754
YIQ	229.3860, -30.6260, -6.6420

Conversions

Conversions Part 2

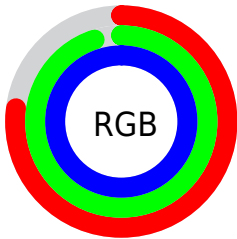
Format	Color
R _Y B	196, 221, 252
Decimal	12907260
CIE Lab	92.69, -12.53, -9.67
CIE LCh	93, 15.827, 217.676
Yxy	82.2683, 0.2788, 0.3182
Android (android.graphics.Color)	4291097340 (0xFFC4F2FC)
YUV	229.3860, 11.1487, -29.2795
Hunter-Lab	90.7019, -16.8605, -4.6061

Details

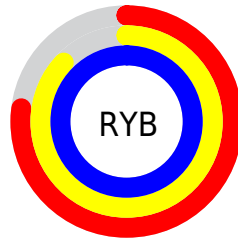
The XYZ color **72.0878, 82.2683, 104.1754** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1809, 68.8240, 61.7064**, and the grayscale version is **74.6990, 78.5891, 85.5836**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **38.3937, 44.7207, 58.2381** is the 20% darker color. If you saturate the color by 10%, you get **64.7535, 76.5260, 103.4549**, and if you desaturate by 10%, it is **80.5608, 88.6507, 104.9621**.

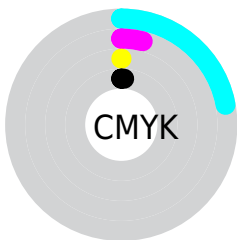
Distribution



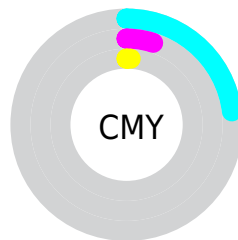
- Red (77%)
- Green (95%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0878, 82.2683, 104.1754 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 72.0878, 82.2683, 104.1754 by changing the saturation by 10% instead.

72.0878, 82.2683,
104.1754

72.0878, 82.2683,
104.1754

457.0000,
502.5447, 594.8587

53.5161, 61.5867,
79.1559

121.1915,
136.5502, 168.9851

38.4441, 44.6988,
58.5019

152.4542,
170.9193, 209.6125

26.5063, 31.2203,
41.7949

188.6780,
210.6197, 256.2795

17.3375, 20.7666,
28.6164

230.2281,
256.0357, 309.4047

10.5722, 12.9535,
18.5477

277.4701,
307.5519, 369.4067

5.8451, 7.3966,
11.1704

330.7691,

2.7909, 3.7113,

365.5525, 436.7040

6.0660

390.4907,
430.4220, 511.7151

■ 1.0442, 1.5134,
2.8158

■ 0.0000, 0.2981,
1.0014

■ 72.0878, 82.2683,
104.1754

■ 72.0878, 82.2683,
104.1754

■ 64.7535, 76.5260,
103.4549

■ 80.5608, 88.6507,
104.9621

■ 58.4955, 71.3850,
102.7925

■ 90.2165, 95.6900,
105.8119

■ 53.2562, 66.8174,
102.1870

■ 94.5709, 99.8084,
106.3773

■ 48.9696, 62.7887,
101.6353

■ 45.5620, 59.2607,
101.1339

■ 42.9480, 56.1890,
100.6788

■ 41.0250, 53.5202,
100.2650

■ 39.8873, 51.6610,
99.9661

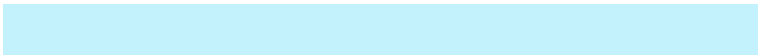
Harmonies

Analogous

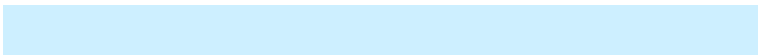
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.6002, 82.2683, 92.6419



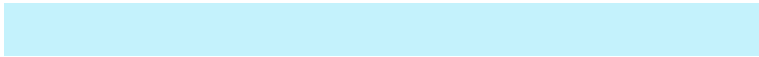
72.0878, 82.2683, 104.1754



75.2220, 82.2683, 112.2527

Triad

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



72.0878, 82.2683, 104.1754



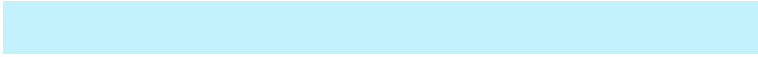
85.7554, 82.2683, 98.4761



77.1399, 82.2683, 68.9148

Complementary

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



72.0878, 82.2683, 104.1754



72.1809, 68.8240, 61.7064

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.



81.2423, 82.2683, 70.1798



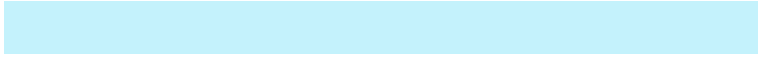
72.0878, 82.2683, 104.1754



86.3127, 82.2683, 86.5789

Square

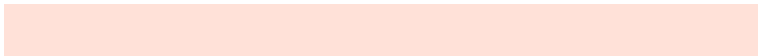
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0878, 82.2683, 104.1754



83.1376, 82.2683, 108.7660



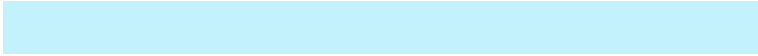
84.6347, 82.2683, 76.4089



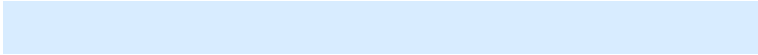
73.4495, 82.2683, 72.7877

Rectangle

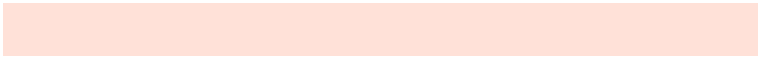
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0878, 82.2683, 104.1754



77.8727, 82.2683, 114.2195



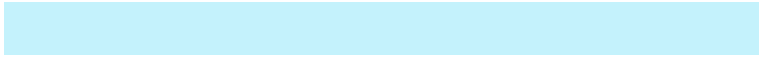
84.6347, 82.2683, 76.4089



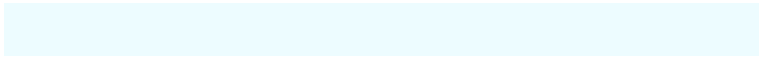
78.5153, 82.2683, 68.7598

Sweetspot

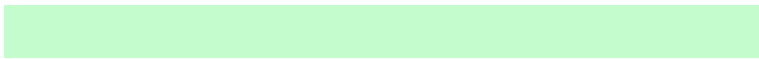
The Sweet Spot groups the original color and five complimentary colors.



72.0902, 82.2716, 104.1773



87.7770, 94.7540, 108.2708



68.6367, 85.7820, 70.9106



18.6598, 20.1879, 23.1631



0.0000, 0.0000, 0.0000



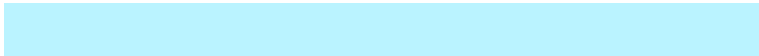
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0902, 82.2716, 104.1773



70.2997, 81.6050, 106.6539



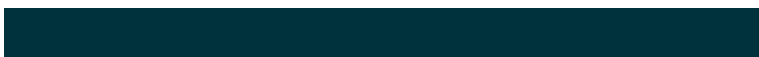
64.5530, 67.1971, 101.6648



17.4868, 19.0505, 22.1407



20.8763, 27.1082, 52.1057



2.0001, 2.6438, 4.8481

Inverse Universe

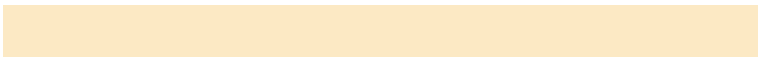
The Inverse Universe completely reimagines the original color for something new.



75.9138, 66.5881, 92.8598



74.9643, 62.8945, 92.7526



79.3436, 83.1493, 64.0939



17.8523, 17.4683, 21.0777



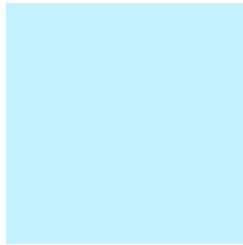
26.8294, 13.1475, 32.1399



2.5185, 1.2311, 3.1537

Previews

White Background



This preview shows how the XYZ color 72.0878, 82.2683, 104.1754 looks on a white background.

Color Contrast Check

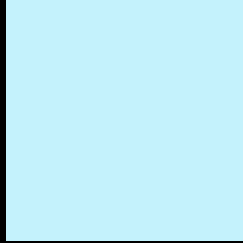
Large Text (above 18pt) WCAG AA × Fail

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 72.0878, 82.2683, 104.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

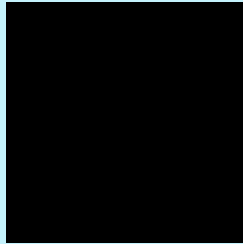
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0878, 82.2683, 104.1754

Background



This preview shows how black text looks on a background with the XYZ color 72.0878, 82.2683, 104.1754.

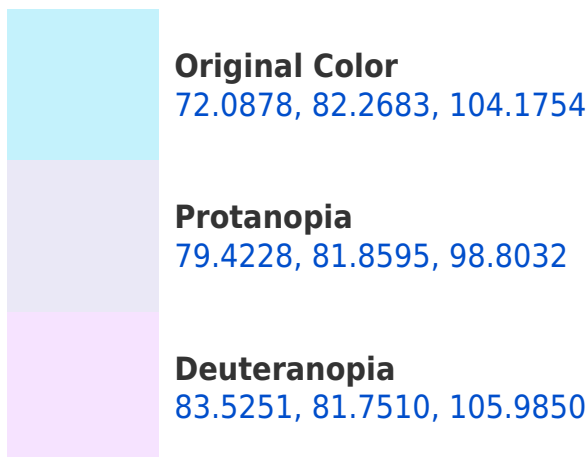


This preview shows how white text looks on a background with the XYZ color 72.0878, 82.2683,

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

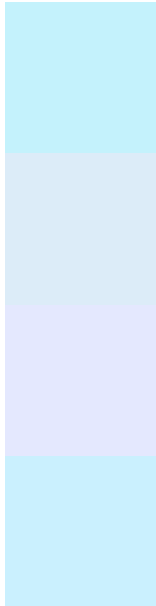




Tritanopia

74.0933, 81.9321, 106.5171

Trichromacy



Original Color

72.0878, 82.2683, 104.1754

Protanomaly

76.4539, 81.9839, 100.6019

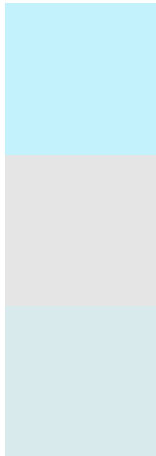
Deuteranomaly

78.7409, 81.3630, 105.3205

Tritanomaly

73.4066, 82.0325, 105.7308

Monochromacy



Original Color

72.0878, 82.2683, 104.1754

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.3242, 79.7118, 91.6421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0878, 82.2683, 104.1754 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(196, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(196, 242, 252)  
}
```

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(196, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 242, 252) }
```

Border

The CSS property to change the border of an element to XYZ 72.0878, 82.2683, 104.1754 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(196, 242, 252) }
```


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

```
.border{ border-color:rgb(196, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(196, 242,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0878, 82.2683, 104.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 242, 252) }
```

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

```
.background{ background-color: rgb(196,  
242, 252) }
```

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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