

Converting Colors

XYZ(70.9324, 76.3808,
104.7663)

Have a look what the booklet for
XYZ(70.9324, 76.3808, 104.7663)
contains.

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Color

**XYZ(71.0880, 76.5868,
104.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE6FE
RGB	204, 230, 254
RGB Percent	80%, 90%, 100%
CMY	0.2000, 0.0980, 0.0039
CMYK	0.20, 0.09, 0.00, 0.00
HSL	209°, 96%, 90%
HSV	209°, 20%, 100%
XYZ	71.0880, 76.5868, 104.8019
YIQ	224.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

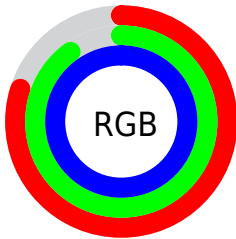
Format	Color
R_{YB}	204, 221, 254
Decimal	13428478
CIE _{Lab}	90.13, -3.60, -14.48
CIE _{LCh}	90, 14.926, 256.039
Yxy	76.5868, 0.2816, 0.3033
Android (android.graphics.Color)	4291618558 (0xFFCCE6FE)
YUV	224.9620, 14.3157, -18.3837
Hunter-Lab	87.5139, -8.1528, -9.7428

Details

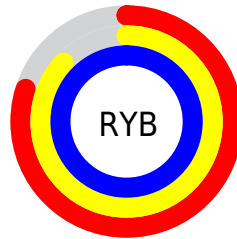
The XYZ color **71.0880, 76.5868, 104.8019** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5161, 80.9171, 68.5558**, and the grayscale version is **71.4550, 75.1762, 81.8669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8024, 41.0807, 58.7603** is the 20% darker color. If you saturate the color by 10%, you get **61.4115, 66.7388, 103.4123**, and if you desaturate by 10%, it is **82.1417, 87.5008, 106.3272**.

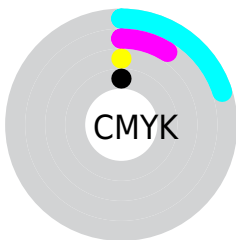
Distribution



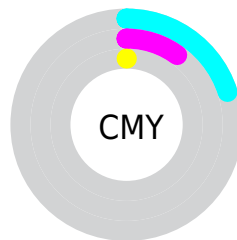
- Red (80%)
- Green (90%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0880, 76.5868, 104.8019 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 71.0880, 76.5868, 104.8019 by changing the saturation by 10% instead.

71.0880, 76.5868,
104.8019

71.0880, 76.5868,
104.8019

453.5681,
483.3541, 596.8584

52.6968, 56.9138,
79.6777

119.7769,
128.5560, 169.8498

37.7873, 40.9360,
58.9285

150.8052,
161.6211, 210.6106

25.9941, 28.2691,
42.1360

186.7767,
199.9189, 257.4206

16.9519, 18.5286,
28.8814

228.0566,
243.8340, 310.6984

10.2953, 11.3302,
18.7463

275.0104,
293.7506, 370.8625

5.6589, 6.2894,
11.3122

328.0033,

2.6775, 3.0218,

350.0532, 438.3316

6.1604

387.4007,
413.1263, 513.5240

■ 0.9856, 1.1431,
2.8725

■ 0.0000, 0.0145,
1.0299

■ 71.0880, 76.5868,
104.8019

■ 71.0880, 76.5868,
104.8019

■ 61.4115, 66.7388,
103.4123

■ 82.1417, 87.5008,
106.3272

■ 53.0455, 57.9096,
102.1490

94.6215, 99.5073,
107.9869

■ 45.9279, 50.0615,
101.0093

94.8896, 99.9359,
108.0555

■ 39.9881, 43.1508,
99.9885

■ 35.1480, 37.1291,
99.0813

■ 31.3190, 31.9426,
98.2820

■ 28.3960, 27.5286,
97.5841

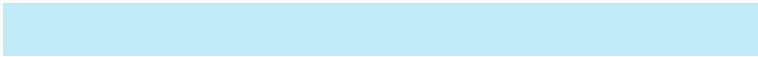
■ 26.2163, 23.7942,
96.9782

■ 26.1539, 23.6845,
96.9603

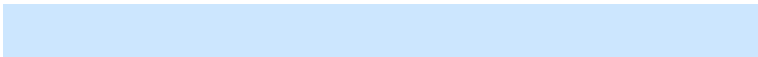
Harmonies

Analogous

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



67.9587, 76.5868, 98.9577



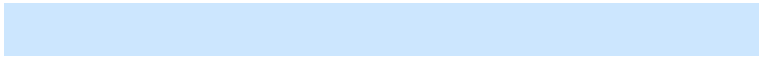
71.0880, 76.5868, 104.8019



74.7799, 76.5868, 104.5789

Triad

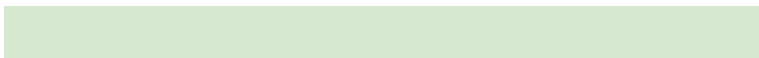
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0880, 76.5868, 104.8019



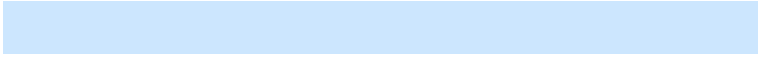
79.8581, 76.5868, 77.8780



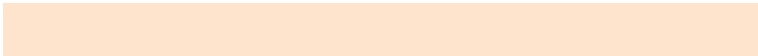
67.7842, 76.5868, 70.0120

Complementary

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



71.0880, 76.5868, 104.8019



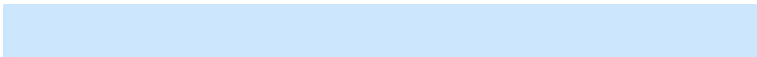
79.5161, 80.9171, 68.5558

Split Complementary

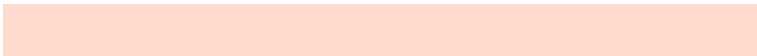
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8425, 76.5868, 65.2759



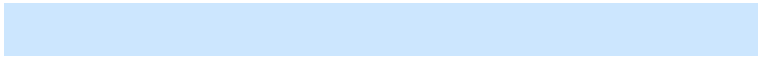
71.0880, 76.5868, 104.8019



77.8523, 76.5868, 69.5471

Square

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



71.0880, 76.5868, 104.8019



79.9293, 76.5868, 88.4105



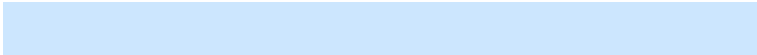
74.5260, 76.5868, 65.1132



66.0955, 76.5868, 78.5633

Rectangle

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



71.0880, 76.5868, 104.8019



77.0664, 76.5868, 101.0025



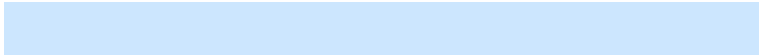
74.5260, 76.5868, 65.1132



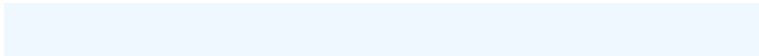
68.6814, 76.5868, 67.9541

Sweetspot

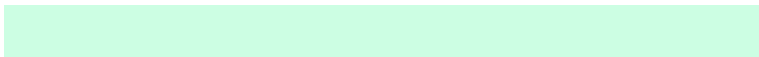
The Sweet Spot groups the original color and five complimentary colors.



71.0903, 76.5899, 104.8036



87.3454, 92.6168, 107.8810



74.2562, 89.2868, 86.2363



18.5228, 19.6570, 23.0679



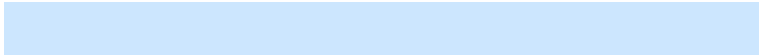
0.0000, 0.0000, 0.0000



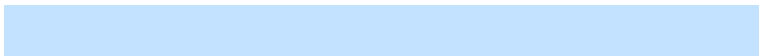
20.3446, 21.4041, 23.3091

Same Dimension

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



71.0903, 76.5899, 104.8036



67.3421, 72.8533, 105.1205



64.7838, 63.9770, 102.7015



17.7846, 18.9408, 22.9685



13.9372, 12.7840, 51.1676



1.4665, 1.4636, 5.0185

Inverse Universe

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



76.7506, 69.9714, 84.3272



74.1637, 65.2252, 80.3648



86.6886, 95.2621, 70.9467



18.4039, 18.1449, 20.7442



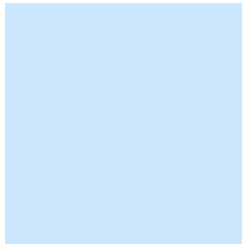
23.8231, 12.0185, 12.9846



2.3748, 1.1923, 1.5551

Previews

White Background



This preview shows how the XYZ color 71.0880, 76.5868, 104.8019 looks on a white background.

Color Contrast Check

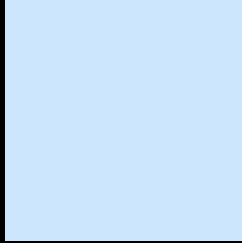
Large Text (above 18pt) WCAG AA × Fail

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 71.0880, 76.5868, 104.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

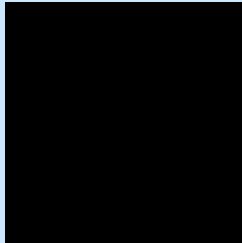
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

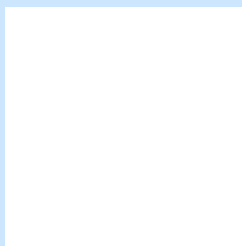
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0880, 76.5868, 104.8019

Background



This preview shows how black text looks on a background with the XYZ color 71.0880, 76.5868, 104.8019.



This preview shows how white text looks on a background with the XYZ color 71.0880, 76.5868,

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

71.0880, 76.5868, 104.8019

Protanopia

74.7692, 76.5034, 102.0927

Deuteranopia

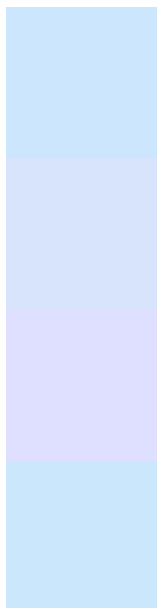
77.8381, 76.4253, 105.2568



Tritanopia

70.3034, 76.6879, 100.7194

Trichromacy



Original Color

71.0880, 76.5868, 104.8019

Protanomaly

73.3587, 76.5654, 103.0076

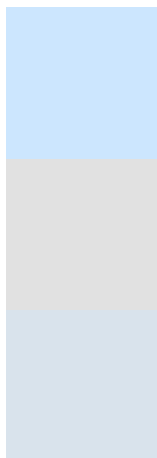
Deuteranomaly

75.1371, 76.2193, 105.3594

Tritanomaly

70.6171, 76.8134, 102.3713

Monochromacy



Original Color

71.0880, 76.5868, 104.8019

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2247, 75.7460, 90.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0880, 76.5868, 104.8019 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(204, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 254)  
}
```

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(204, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 254) }
```

Border

The CSS property to change the border of an element to XYZ 71.0880, 76.5868, 104.8019 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(204, 230, 254) }
```


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

```
.border{ border-color:rgb(204, 230, 254) }
```

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

Here you see how a box with a 4 pixel rgb(204, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(204, 230,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0880, 76.5868, 104.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 254) }
```

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

```
.background{ background-color: rgb(204,  
230, 254) }
```

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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