

Converting Colors

XYZ(71.3160, 78.5023,
102.7626)

Have a look what the booklet for
XYZ(71.3160, 78.5023, 102.7626)
contains.

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Color

**XYZ(71.1925, 78.3672,
102.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEAFB
RGB	202, 234, 251
RGB Percent	79%, 92%, 98%
CMY	0.2078, 0.0823, 0.0157
CMYK	0.20, 0.07, 0.00, 0.02
HSL	201°, 86%, 89%
HSV	201°, 20%, 98%
XYZ	71.1925, 78.3672, 102.6409
YIQ	226.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

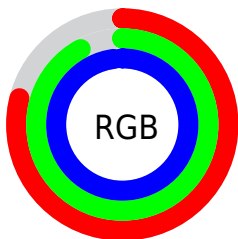
Format	Color
R _Y B	202, 221, 251
Decimal	13298427
CIE Lab	90.95, -6.90, -11.71
CIE LCh	91, 13.591, 239.507
Yxy	78.3672, 0.2823, 0.3107
Android (android.graphics.Color)	4291488507 (0xFFCAEAFB)
YUV	226.3700, 12.1426, -21.3725
Hunter-Lab	88.5253, -11.3685, -6.7763

Details

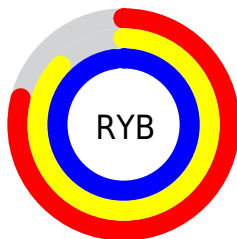
The XYZ color **71.1925, 78.3672, 102.6409** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7765, 75.4366, 66.4456**, and the grayscale version is **72.4859, 76.2608, 83.0480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6906, 41.9389, 57.1474** is the 20% darker color. If you saturate the color by 10%, you get **62.5279, 70.3125, 101.5441**, and if you desaturate by 10%, it is **81.0881, 87.2414, 103.8335**.

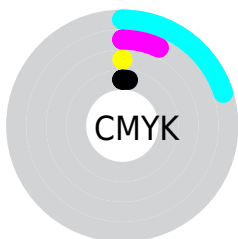
Distribution



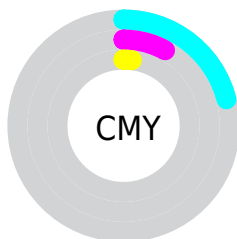
- Red (79%)
- Green (92%)
- Blue (98%)



- Red (79%)
- Yellow (87%)
- Blue (98%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1925, 78.3672, 102.6409 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 71.1925, 78.3672, 102.6409 by changing the saturation by 10% instead.

■ 71.1925, 78.3672,
102.6409

■ 71.1925, 78.3672,
102.6409

453.9275,
489.4130, 589.9457

■ 52.7824, 58.3757,
77.8788

119.9248,
131.0676, 166.8651

■ 37.8559, 42.1107,
57.4585

150.9777,
164.5453, 207.1643

■ 26.0476, 29.1880,
40.9617

186.9756,
203.2872, 253.4795

■ 16.9921, 19.2231,
27.9697

228.2839,
247.6776, 306.2293

■ 10.3241, 11.8316,
18.0640

275.2679,
298.1010, 365.8323

■ 5.6783, 6.6291,
10.8260

328.2929,

■ 2.6893, 3.2313,

354.9418, 432.7070

5.8373

387.7243,
418.5843, 507.2720

■ 0.9916, 1.2536,
2.6792

■ 0.0000, 0.1049,
0.9329

■ 71.1925, 78.3672,
102.6409

■ 71.1925, 78.3672,
102.6409

■ 62.5279, 70.3125,
101.5441

■ 81.0881, 87.2414,
103.8335

■ 55.0324, 63.0367,
100.5348

■ 92.2592, 96.9545,
105.1195

■ 48.6487, 56.5098,
99.6115

■ 94.4128, 99.7451,
105.5447

■ 43.3117, 50.6954,
98.7705

■ 38.9490, 45.5536,
98.0079

■ 35.4781, 41.0389,
97.3194

■ 32.8012, 37.0980,
96.6999

■ 30.7662, 33.6496,
96.1415

■ 30.6765, 33.4925,
96.1159

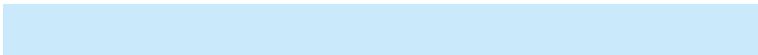
Harmonies

Analogous

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



68.8981, 78.3672, 94.9628



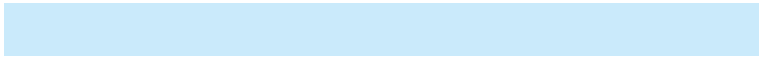
71.1925, 78.3672, 102.6409



74.4290, 78.3672, 105.6200

Triad

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



71.1925, 78.3672, 102.6409



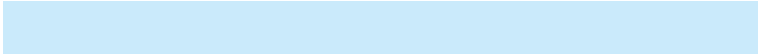
81.2695, 78.3672, 85.4910



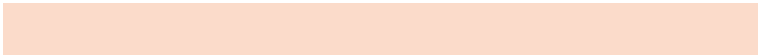
71.2878, 78.3672, 69.9391

Complementary

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



71.1925, 78.3672, 102.6409



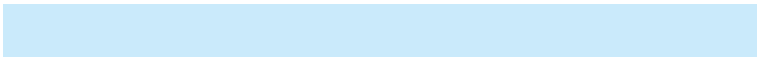
75.7765, 75.4366, 66.4456

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.



74.5424, 78.3672, 67.8182



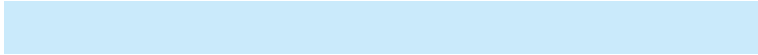
71.1925, 78.3672, 102.6409



80.3675, 78.3672, 76.3690

Square

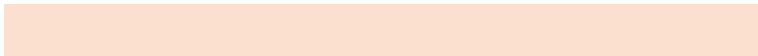
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1925, 78.3672, 102.6409



80.3079, 78.3672, 95.2650



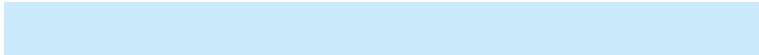
77.8789, 78.3672, 70.0813



68.9519, 78.3672, 76.1082

Rectangle

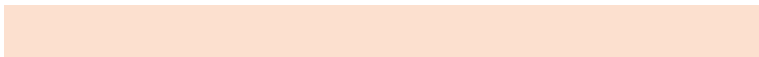
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



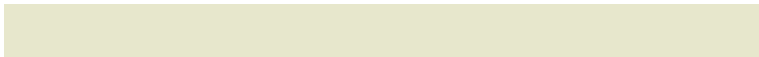
71.1925, 78.3672, 102.6409



76.7073, 78.3672, 104.3772



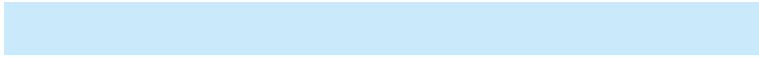
77.8789, 78.3672, 70.0813



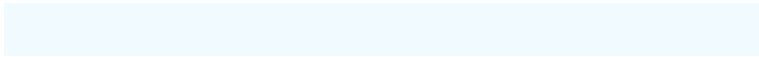
72.3074, 78.3672, 68.7511

Sweetspot

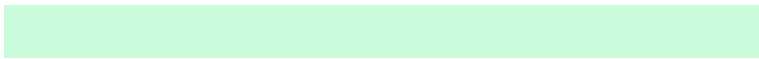
The Sweet Spot groups the original color and five complimentary colors.



71.1948, 78.3704, 102.6427



87.9736, 93.8732, 108.0904



71.5543, 86.6318, 79.5104



18.6714, 19.9541, 23.1174



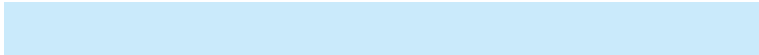
0.0000, 0.0000, 0.0000



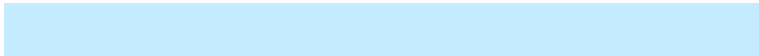
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1948, 78.3704, 102.6427



70.5159, 78.2223, 105.9896



64.8590, 65.6988, 100.5307



17.2294, 18.5356, 22.0549



16.2660, 17.8876, 50.5689



1.6055, 1.8547, 4.7166

Inverse Universe

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



75.7573, 68.6926, 87.1117



76.0046, 66.8762, 87.2391



82.4464, 88.7764, 68.6689



17.7223, 17.4163, 20.3935



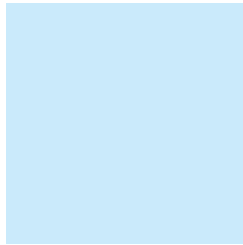
24.5024, 12.2167, 19.8856



2.3193, 1.1515, 2.1049

Previews

White Background



This preview shows how the XYZ color 71.1925, 78.3672, 102.6409 looks on a white background.

Color Contrast Check

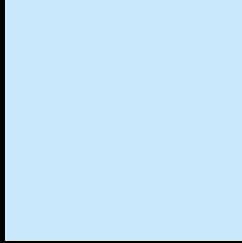
Large Text (above 18pt) WCAG AA × Fail

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 71.1925, 78.3672, 102.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

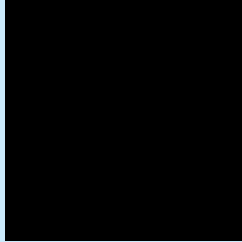
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

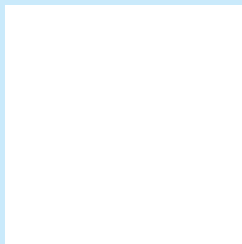
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1925, 78.3672, 102.6409

Background



This preview shows how black text looks on a background with the XYZ color 71.1925, 78.3672, 102.6409.



This preview shows how white text looks on a background with the XYZ color 71.1925, 78.3672,

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

71.1925, 78.3672, 102.6409

Protanopia

75.9361, 77.9845, 99.0459

Deuteranopia

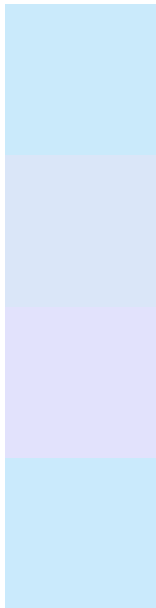
79.4475, 77.6851, 103.7359



Tritanopia

71.3506, 78.4305, 103.4735

Trichromacy



Original Color

71.1925, 78.3672, 102.6409

Protanomaly

74.1535, 78.2764, 100.0075

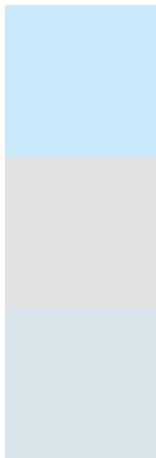
Deuteranomaly

76.1311, 77.5897, 103.0592

Tritanomaly

71.3506, 78.4305, 103.4735

Monochromacy



Original Color

71.1925, 78.3672, 102.6409

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.6300, 76.7885, 89.6436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1925, 78.3672, 102.6409 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(202, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(202, 234, 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(202, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 234, 251) }
```

Border

The CSS property to change the border of an element to XYZ 71.1925, 78.3672, 102.6409 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(202, 234, 251) }
```


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

```
.border{ border-color:rgb(202, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(202, 234,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1925, 78.3672, 102.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 234, 251) }
```

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

```
.background{ background-color: rgb(202,  
234, 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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