

Converting Colors

XYZ(70.5308, 74.7895,
101.7813)

Have a look what the booklet for
XYZ(70.5308, 74.7895, 101.7813)
contains.

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Color

**XYZ(70.6214, 74.7676,
101.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E2FB
RGB	208, 226, 251
RGB Percent	82%, 89%, 98%
CMY	0.1843, 0.1137, 0.0157
CMYK	0.17, 0.10, 0.00, 0.02
HSL	215°, 84%, 90%
HSV	215°, 17%, 98%
XYZ	70.6214, 74.7676, 101.9762
YIQ	223.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

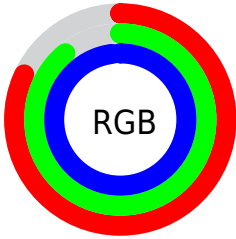
Format	Color
R _Y B	208, 221, 251
Decimal	13689595
CIE Lab	89.28, -0.94, -14.15
CIE LCh	89, 14.186, 266.181
Yxy	74.7676, 0.2855, 0.3023
Android (android.graphics.Color)	4291879675 (0xFFD0E2FB)
YUV	223.4680, 13.5733, -13.5654
Hunter-Lab	86.4683, -5.5328, -9.3958

Details

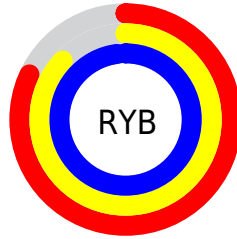
The XYZ color **70.6214, 74.7676, 101.9762** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.3085, 83.3413, 71.5301**, and the grayscale version is **70.3899, 74.0556, 80.6466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4374, 39.7932, 56.7466** is the 20% darker color. If you saturate the color by 10%, you get **60.3151, 63.8145, 100.4064**, and if you desaturate by 10%, it is **82.3866, 86.9780, 103.7141**.

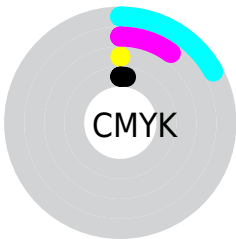
Distribution



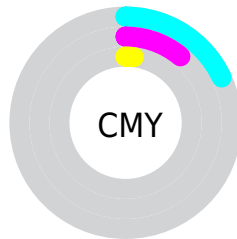
- Red (82%)
- Green (89%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6214, 74.7676, 101.9762 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 70.6214, 74.7676, 101.9762 by changing the saturation by 10% instead.

■ 70.6214, 74.7676,
101.9762

■ 70.6214, 74.7676,
101.9762

451.9613,
477.1184, 587.8108

■ 52.3147, 55.4225,
77.3259

119.1159,
125.9833, 165.9458

■ 37.4813, 39.7401,
57.0072

150.0345,
158.6228, 206.1022

■ 25.7557, 27.3360,
40.6017

185.8877,
196.4625, 252.2644

■ 16.7727, 17.8257,
27.6906

227.0410,
239.8868, 304.8508

■ 10.1669, 10.8249,
17.8556

273.8596,
289.2802, 364.2802

■ 5.5728, 5.9492,
10.6780

326.7090,

■ 2.6253, 2.8142,

345.0270, 430.9710

5.7393

385.9544,
407.5116, 505.3417

■ 0.9589, 1.0355,
2.6210

■ 0.0000, 0.0000,
0.9033

■ 70.6214, 74.7676,
101.9762

■ 70.6214, 74.7676,
101.9762

■ 60.3151, 63.8145,
100.4064

■ 82.3866, 86.9780,
103.7141

■ 51.4002, 54.0656,
98.9946

■ 94.4128, 99.7451,
105.5446

■ 43.8138, 45.4775,
97.7368

■ 37.4848, 38.0002,
96.6271

■ 32.3351, 31.5792,
95.6591

■ 28.2770, 26.1545,
94.8259

■ 25.2084, 21.6580,
94.1198

■ 23.0006, 18.0068,
93.5314

■ 22.4730, 17.0855,
93.3813

Harmonies

Analogous

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



67.4194, 74.7676, 98.3175



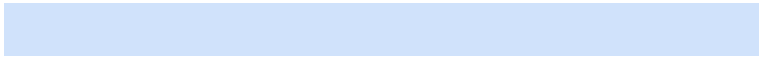
70.6214, 74.7676, 101.9762



74.0454, 74.7676, 99.7662

Triad

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



70.6214, 74.7676, 101.9762



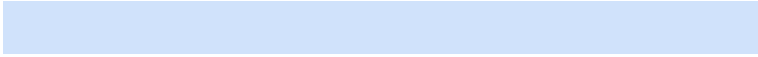
77.2142, 74.7676, 73.2754



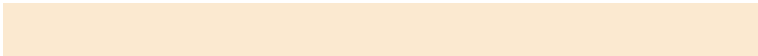
65.6703, 74.7676, 71.2419

Complementary

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



70.6214, 74.7676, 101.9762



80.3085, 83.3413, 71.5301

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.



68.1644, 74.7676, 65.4545



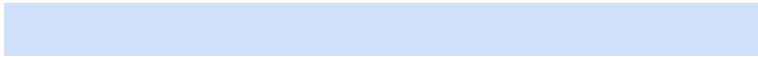
70.6214, 74.7676, 101.9762



74.8384, 74.7676, 66.5599

Square

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



70.6214, 74.7676, 101.9762



77.9233, 74.7676, 82.6871



71.5092, 74.7676, 63.8120



64.6202, 74.7676, 80.1446

Rectangle

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



70.6214, 74.7676, 101.9762



75.9821, 74.7676, 95.3519



71.5092, 74.7676, 63.8120



66.3636, 74.7676, 68.8966

Sweetspot

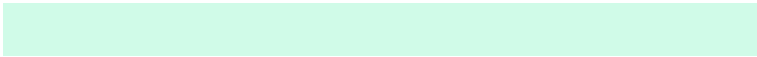
The Sweet Spot groups the original color and five complimentary colors.



70.6236, 74.7707, 101.9779



88.1947, 93.0232, 107.9147



75.1288, 88.2527, 89.6936



18.6779, 19.7067, 23.0693



0.0000, 0.0000, 0.0000



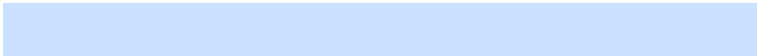
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6236, 74.7707, 101.9779



68.8791, 72.9411, 105.0565



66.7959, 65.9078, 100.4689



16.8802, 17.8371, 21.9385



11.9489, 9.2533, 49.1298



1.2088, 1.0612, 4.5843

Inverse Universe

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



76.0688, 71.1139, 81.6720



75.6685, 68.6181, 79.6846



84.6424, 93.5306, 73.2684



17.5460, 17.3458, 19.4652



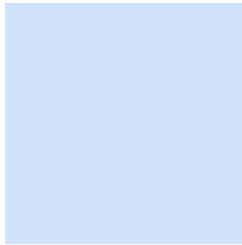
22.3233, 11.3450, 8.4107



2.1191, 1.0714, 1.0504

Previews

White Background



This preview shows how the XYZ color 70.6214, 74.7676, 101.9762 looks on a white background.

Color Contrast Check

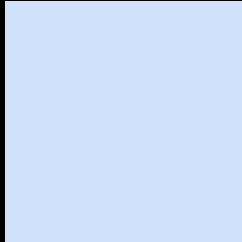
Large Text (above 18pt) WCAG AA × Fail

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 70.6214, 74.7676, 101.9762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

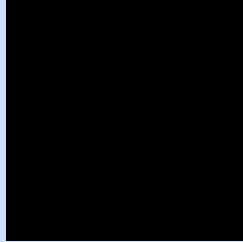
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

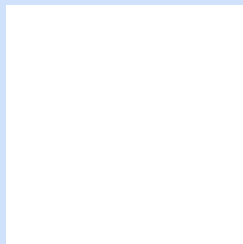
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6214, 74.7676, 101.9762

Background



This preview shows how black text looks on a background with the XYZ color 70.6214, 74.7676, 101.9762.



This preview shows how white text looks on a background with the XYZ color 70.6214, 74.7676,

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

70.6214, 74.7676, 101.9762

Protanopia

73.0390, 74.4543, 100.1441

Deuteranopia

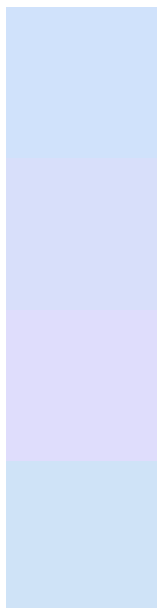
76.0797, 74.3905, 103.2775



Tritanopia

69.6826, 74.7961, 97.1506

Trichromacy



Original Color

70.6214, 74.7676, 101.9762

Protanomaly

71.9619, 74.2764, 100.9865

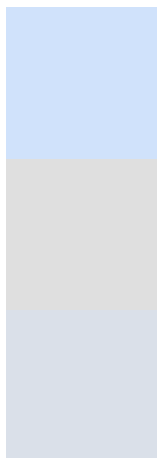
Deuteranomaly

73.8586, 74.4292, 102.5690

Tritanomaly

69.9897, 74.9190, 98.7676

Monochromacy



Original Color

70.6214, 74.7676, 101.9762

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2771, 74.0999, 87.6895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6214, 74.7676, 101.9762 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(208, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 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(208, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 251) }
```

Border

The CSS property to change the border of an element to XYZ 70.6214, 74.7676, 101.9762 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(208, 226, 251) }
```


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

```
.border{ border-color:rgb(208, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6214, 74.7676, 101.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 251) }
```

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

```
.background{ background-color: rgb(208,  
226, 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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