

Converting Colors

XYZ(71.3266, 78.3449,
105.9682)

Have a look what the booklet for
XYZ(71.3266, 78.3449, 105.9682)
contains.

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Color

**XYZ(71.2922, 78.3450,
105.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EAFF
RGB	200, 234, 255
RGB Percent	78%, 92%, 100%
CMY	0.2157, 0.0823, 0.0000
CMYK	0.22, 0.08, 0.00, 0.00
HSL	203°, 100%, 89%
HSV	203°, 22%, 100%
XYZ	71.2922, 78.3450, 105.9723
YIQ	226.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

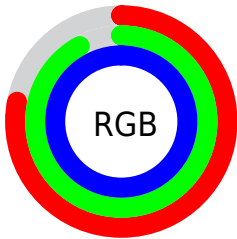
Format	Color
R _Y B	200, 221, 255
Decimal	13167359
CIE Lab	90.94, -6.64, -13.83
CIE LCh	91, 15.339, 244.346
Yxy	78.3450, 0.2789, 0.3065
Android (android.graphics.Color)	4291357439 (0xFFC8EAFB)
YUV	226.2280, 14.1846, -23.0020
Hunter-Lab	88.5127, -11.1252, -9.0264

Details

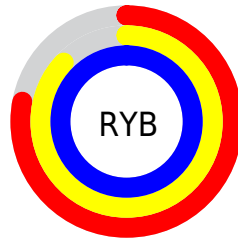
The XYZ color **71.2922, 78.3450, 105.9723** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.5215, 77.1420, 65.4493**, and the grayscale version is **72.3700, 76.1389, 82.9152**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7905, 41.9377, 59.5291** is the 20% darker color. If you saturate the color by 10%, you get **62.3461, 69.7332, 104.7816**, and if you desaturate by 10%, it is **81.5306, 87.8531, 107.2680**.

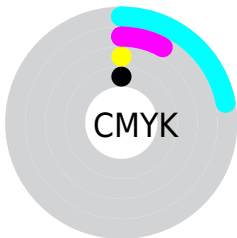
Distribution



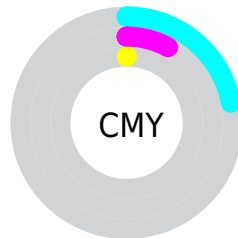
- Red (78%)
- Green (92%)
- Blue (100%)



- Red (78%)
- Yellow (87%)
- Blue (100%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2922, 78.3450, 105.9723 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 71.2922, 78.3450, 105.9723 by changing the saturation by 10% instead.

■ 71.2922, 78.3450,
105.9723

■ 71.2922, 78.3450,
105.9723

454.2702,
489.3377, 600.5848

■ 52.8641, 58.3574,
80.6530

120.0659,
131.0363, 171.4638

■ 37.9213, 42.0961,
59.7265

151.1423,
164.5089, 212.4730

■ 26.0986, 29.1765,
42.7744

187.1654,
203.2453, 259.5492

■ 17.0305, 19.2144,
29.3780

228.5007,
247.6298, 313.1110

■ 10.3516, 11.8253,
19.1189

275.5134,
298.0469, 373.5769

■ 5.6968, 6.6248,
11.5786

328.5690,

■ 2.7005, 3.2286,

354.8810, 441.3655

6.3384

388.0328,
418.5165, 516.8953

■ 0.9974, 1.2522,
2.9798

■ 0.0000, 0.1037,
1.0843

■ 71.2922, 78.3450,
105.9723

■ 71.2922, 78.3450,
105.9723

■ 62.3461, 69.7332,
104.7816

■ 81.5306, 87.8531,
107.2680

■ 54.6273, 61.9745,
103.6909

■ 93.1097, 98.2800,
108.6703

■ 48.0742, 55.0356,
102.6969

■ 95.0500, 100.0000,
108.9000

■ 42.6173, 48.8768,
101.7957

■ 38.1786, 43.4540,
100.9830

■ 34.6689, 38.7173,
100.2537

■ 31.9812, 34.6074,
99.6021

■ 30.2179, 31.5558,
99.1060

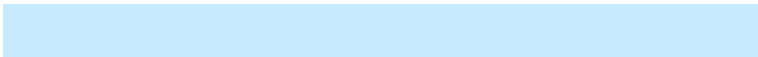
Harmonies

Analogous

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



68.4936, 78.3450, 97.8895



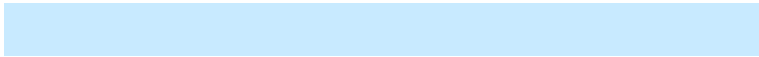
71.2922, 78.3450, 105.9723



75.0294, 78.3450, 108.3443

Triad

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



71.2922, 78.3450, 105.9723



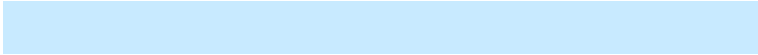
82.1262, 78.3450, 83.7009



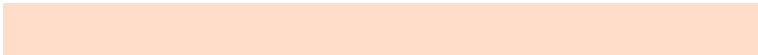
70.3484, 78.3450, 68.9053

Complementary

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



71.2922, 78.3450, 105.9723



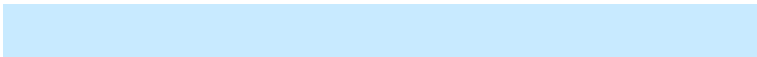
77.5215, 77.1420, 65.4493

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.



73.9026, 78.3450, 65.7868



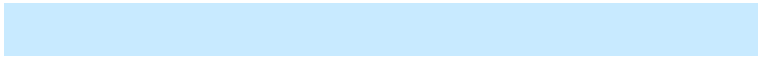
71.2922, 78.3450, 105.9723



80.7728, 78.3450, 73.8470

Square

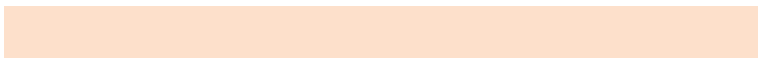
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2922, 78.3450, 105.9723



81.3691, 78.3450, 94.8580



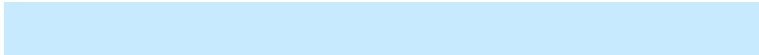
77.7297, 78.3450, 67.5152



67.9621, 78.3450, 76.4148

Rectangle

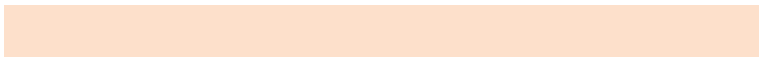
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2922, 78.3450, 105.9723



77.5716, 78.3450, 106.2097



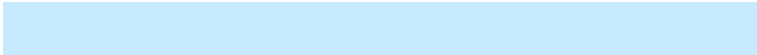
77.7297, 78.3450, 67.5152



71.4416, 78.3450, 67.3397

Sweetspot

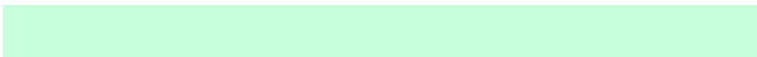
The Sweet Spot groups the original color and five complimentary colors.



71.2943, 78.3481, 105.9728



87.8083, 93.5426, 108.0353



72.5207, 88.9760, 81.1789



18.6323, 19.8759, 23.1044



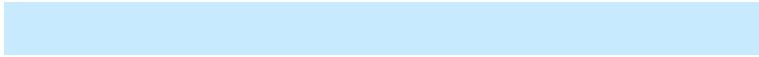
0.0000, 0.0000, 0.0000



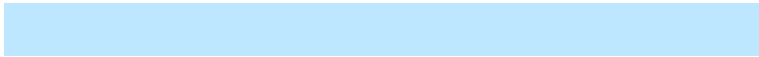
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2943, 78.3481, 105.9728



67.1725, 74.4217, 105.4322



64.2644, 64.2882, 103.6295



17.9383, 19.2482, 23.0198



15.9383, 16.7862, 51.8346



1.6575, 1.8457, 5.0822

Inverse Universe

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



76.7469, 68.5106, 87.0244



73.6125, 63.2220, 82.9581



85.1308, 92.3605, 67.9857



18.4815, 18.1759, 21.1528



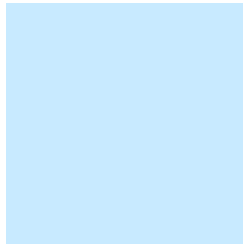
24.8331, 12.4225, 18.3035



2.4712, 1.2309, 2.0629

Previews

White Background



This preview shows how the XYZ color 71.2922, 78.3450, 105.9723 looks on a white background.

Color Contrast Check

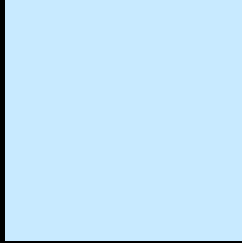
Large Text (above 18pt) WCAG AA × Fail

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 71.2922, 78.3450, 105.9723 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

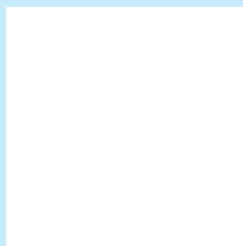
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2922, 78.3450, 105.9723

Background



This preview shows how black text looks on a background with the XYZ color 71.2922, 78.3450, 105.9723.



This preview shows how white text looks on a background with the XYZ color 71.2922, 78.3450,

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

71.2922, 78.3450, 105.9723

Protanopia

76.2457, 78.0720, 102.3176

Deuteranopia

79.3627, 77.9999, 105.4804



Tritanopia

70.9719, 78.2168, 104.2853

Trichromacy



Original Color

71.2922, 78.3450, 105.9723

Protanomaly

74.4828, 78.3736, 103.2974

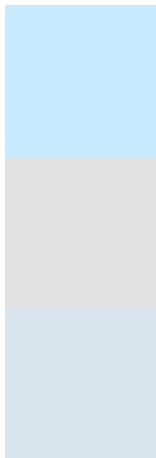
Deuteranomaly

76.2596, 78.0055, 105.6450

Tritanomaly

71.1316, 78.2808, 105.1266

Monochromacy



Original Color

71.2922, 78.3450, 105.9723

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.9206, 76.9048, 91.1742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2922, 78.3450, 105.9723 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(200, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 234, 255)  
}
```

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(200, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2922, 78.3450, 105.9723 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(200, 234, 255) }
```


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

```
.border{ border-color:rgb(200, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2922, 78.3450, 105.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 234, 255) }
```

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

```
.background{ background-color: rgb(200,  
234, 255) }
```

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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