

Converting Colors

XYZ(70.3679, 72.7260,
104.9365)

Have a look what the booklet for
XYZ(70.3679, 72.7260, 104.9365)
contains.

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Color

**XYZ(70.2009, 72.4882,
104.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DDFF
RGB	209, 221, 255
RGB Percent	82%, 87%, 100%
CMY	0.1804, 0.1333, 0.0000
CMYK	0.18, 0.13, 0.00, 0.00
HSL	224°, 100%, 91%
HSV	224°, 18%, 100%
XYZ	70.2009, 72.4882, 104.8994
YIQ	221.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

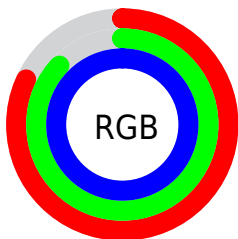
Format	Color
R_{YB}	209, 219, 255
Decimal	13753855
CIE _{Lab}	88.20, 2.81, -17.87
CIE _{LCh}	88, 18.090, 278.948
Yxy	72.4882, 0.2835, 0.2928
Android (android.graphics.Color)	4291943935 (0xFFD1DDFF)
YUV	221.2880, 16.6200, -10.7766
Hunter-Lab	85.1400, -1.8155, -13.4521

Details

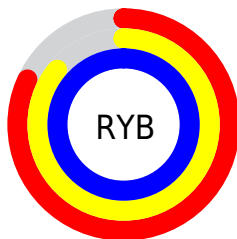
The XYZ color **70.2009, 72.4882, 104.8994** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.7988, 89.9633, 73.2184**, and the grayscale version is **68.8272, 72.4115, 78.8562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1557, 38.2197, 58.8449** is the 20% darker color. If you saturate the color by 10%, you get **58.8559, 59.6645, 103.0221**, and if you desaturate by 10%, it is **83.2631, 87.0300, 107.0178**.

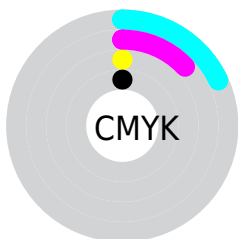
Distribution



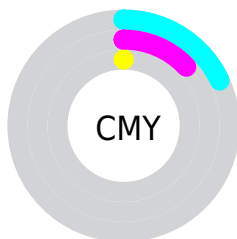
- Red (82%)
- Green (87%)
- Blue (100%)



- Red (82%)
- Yellow (86%)
- Blue (100%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2009, 72.4882, 104.8994 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 70.2009, 72.4882, 104.8994 by changing the saturation by 10% instead.

■ 70.2009, 72.4882,
104.8994

■ 70.2009, 72.4882,
104.8994

450.5105,
469.2391, 597.1693

■ 51.9705, 53.5576,
79.7589

118.5199,
122.7504, 169.9843

■ 37.2058, 38.2481,
58.9950

149.3393,
154.8507, 210.7658

■ 25.5412, 26.1753,
42.1891

185.0856,
192.1097, 257.5981

■ 16.6116, 16.9548,
28.9227

226.1244,
234.9118, 310.8996

■ 10.0516, 10.2023,
18.7773

272.8209,
283.6414, 371.0889

■ 5.4957, 5.5333,
11.3343

325.5405,

■ 2.5786, 2.5634,

338.6829, 438.5846

6.1752

384.6486,
400.4207, 513.8052

■ 0.9351, 0.9083,
2.8814

■ 0.0000, 0.0000,
1.0344

■ 70.2009, 72.4882,
104.8994

■ 70.2009, 72.4882,
104.8994

■ 58.8559, 59.6645,
103.0221

■ 83.2631, 87.0300,
107.0178

■ 49.1490, 48.4854,
101.3759

95.0500, 100.0000,
108.9000

■ 41.0035, 38.8843,
99.9520

■ 34.3341, 30.7868,
98.7406

■ 29.0468, 24.1120,
97.7309

■ 25.0360, 18.7707,
96.9113

■ 22.1794, 14.6620,
96.2688

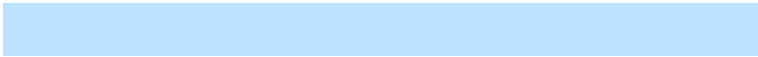
■ 20.3175, 11.6621,
95.7879

■ 20.0298, 11.1796,
95.7099

Harmonies

Analogous

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



65.9505, 72.4882, 103.3345



70.2009, 72.4882, 104.8994



74.2647, 72.4882, 98.9594

Triad

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



70.2009, 72.4882, 104.8994



75.5772, 72.4882, 64.8684



61.4169, 72.4882, 70.6691

Complementary

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



70.2009, 72.4882, 104.8994



84.7988, 89.9633, 73.2184

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.



63.7960, 72.4882, 61.7993



70.2009, 72.4882, 104.8994



71.9317, 72.4882, 58.7020

Square

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



70.2009, 72.4882, 104.8994



77.4530, 72.4882, 75.2766



67.6110, 72.4882, 57.6405



60.9971, 72.4882, 82.6942

Rectangle

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



70.2009, 72.4882, 104.8994



76.2788, 72.4882, 91.8750



67.6110, 72.4882, 57.6405



62.0091, 72.4882, 67.2571

Sweetspot

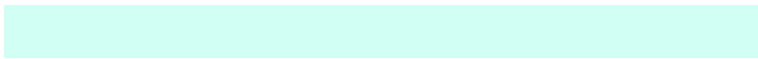
The Sweet Spot groups the original color and five complimentary colors.



70.2029, 72.4911, 104.8998



87.5810, 91.7960, 107.7101



78.1927, 91.5307, 98.1295



18.5290, 19.4090, 23.0197



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.



70.2029, 72.4911, 104.8998



65.5066, 67.2083, 104.1277



70.2862, 67.9965, 104.0279



17.3883, 18.1483, 22.8365



10.5680, 6.0456, 50.0445



1.1131, 0.7570, 4.9007

Inverse Universe

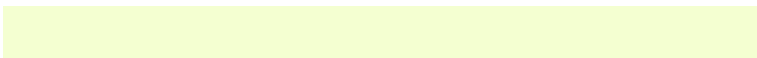
The Inverse Universe completely reimagines the original color for something new.



77.0928, 72.0828, 78.2601



73.7191, 66.8923, 72.3358



84.6699, 95.4045, 74.2755



18.2039, 18.0649, 19.6909



22.1224, 11.3383, 4.0293



2.1965, 1.1210, 0.6160

Previews

White Background



This preview shows how the XYZ color 70.2009, 72.4882, 104.8994 looks on a white background.

Color Contrast Check

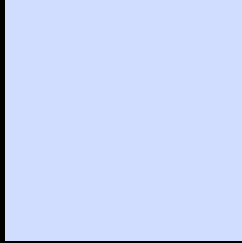
Large Text (above 18pt) WCAG AA × Fail

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 70.2009, 72.4882, 104.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

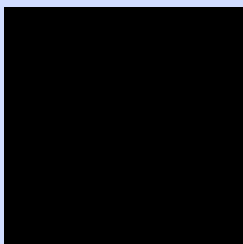
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2009, 72.4882, 104.8994

Background



This preview shows how black text looks on a background with the XYZ color 70.2009, 72.4882, 104.8994.



This preview shows how white text looks on a background with the XYZ color 70.2009, 72.4882,

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

70.2009, 72.4882, 104.8994

Protanopia

71.2452, 72.2659, 103.9596

Deuteranopia

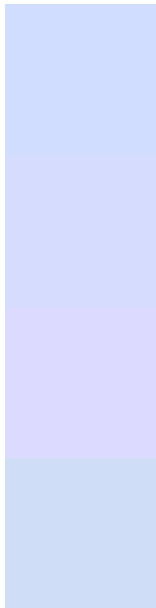
73.9699, 72.5005, 104.7031



Tritanopia

67.7185, 72.2480, 93.5952

Trichromacy



Original Color

70.2009, 72.4882, 104.8994

Protanomaly

70.9232, 72.4883, 104.0195

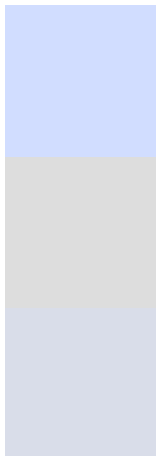
Deuteranomaly

72.6366, 72.5785, 104.7884

Tritanomaly

68.4880, 72.1618, 97.5077

Monochromacy



Original Color

70.2009, 72.4882, 104.8994

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1797, 72.3478, 87.4092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2009, 72.4882, 104.8994 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(209, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 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(209, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.2009, 72.4882, 104.8994 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(209, 221, 255) }
```


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

```
.border{ border-color:rgb(209, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2009, 72.4882, 104.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 255) }
```

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

```
.background{ background-color: rgb(209,  
221, 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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