

Converting Colors

XYZ(70.5644, 72.0773,
106.1703)

Have a look what the booklet for
XYZ(70.5644, 72.0773, 106.1703)
contains.

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Color

**XYZ(70.5072, 72.2553,
104.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DCFF
RGB	211, 220, 255
RGB Percent	83%, 86%, 100%
CMY	0.1725, 0.1372, 0.0000
CMYK	0.17, 0.14, 0.00, 0.00
HSL	228°, 100%, 91%
HSV	228°, 17%, 100%
XYZ	70.5072, 72.2553, 104.8383
YIQ	221.2990, -16.5990, 8.9770

Conversions

Conversions Part 2

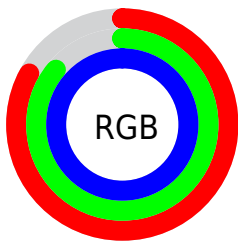
Format	Color
R _Y B	211, 218, 255
Decimal	13884671
CIE Lab	88.09, 3.95, -18.02
CIE LCh	88, 18.453, 282.366
Yxy	72.2553, 0.2848, 0.2918
Android (android.graphics.Color)	4292074751 (0xFFD3DCFF)
YUV	221.2990, 16.6146, -9.0322
Hunter-Lab	85.0031, -0.6958, -13.6229

Details

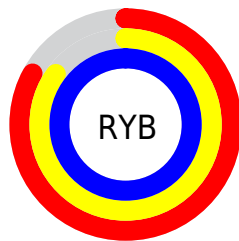
The XYZ color **70.5072, 72.2553, 104.8383** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.9533, 91.8735, 74.8329**, and the grayscale version is **68.8342, 72.4190, 78.8643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3585, 38.0554, 58.8025** is the 20% darker color. If you saturate the color by 10%, you get **58.7691, 58.7769, 102.8554**, and if you desaturate by 10%, it is **84.0540, 87.6285, 107.0916**.

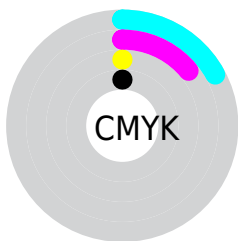
Distribution



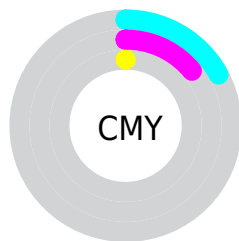
- Red (83%)
- Green (86%)
- Blue (100%)



- Red (83%)
- Yellow (85%)
- Blue (100%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5072, 72.2553, 104.8383 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 70.5072, 72.2553, 104.8383 by changing the saturation by 10% instead.

70.5072, 72.2553,
104.8383

70.5072, 72.2553,
104.8383

451.5676,
468.4297, 596.9745

52.2212, 53.3673,
79.7080

118.9541,
122.4194, 169.9000

37.4064, 38.0960,
58.9533

149.8457,
154.4643, 210.6685

25.6974, 26.0572,
42.1558

185.6700,
191.6636, 257.4868

16.7289, 16.8665,
28.8968

226.7922,
234.4016, 310.7735

10.1355, 10.1393,
18.7579

273.5777,
283.0629, 370.9471

5.5519, 5.4914,
11.3204

326.3918,

2.6126, 2.5384,

338.0317, 438.4260

6.1659

385.6000,
399.6925, 513.6290

■ 0.9524, 0.8958,
2.8758

■ 0.0000, 0.0000,
1.0316

■ 70.5072, 72.2553,
104.8383

■ 70.5072, 72.2553,
104.8383

■ 58.7691, 58.7769,
102.8554

■ 84.0540, 87.6285,
107.0916

■ 48.7561, 47.1106,
101.1313

95.0500, 100.0000,
108.9000

■ 40.3870, 37.1801,
99.6556

■ 33.5715, 28.9003,
98.4167

■ 28.2102, 22.1787,
97.4018

■ 24.1918, 16.9130,
96.5972

■ 21.3877, 12.9878,
95.9874

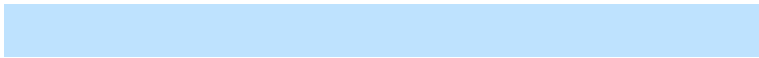
■ 19.6379, 10.2656,
95.5542

■ 19.2858, 9.6916,
95.4619

Harmonies

Analogous

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



66.1415, 72.2553, 104.1409



70.5072, 72.2553, 104.8383



74.5462, 72.2553, 98.0002

Triad

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



70.5072, 72.2553, 104.8383



75.1293, 72.2553, 63.4277



60.9136, 72.2553, 71.5490

Complementary

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



70.5072, 72.2553, 104.8383



85.9533, 91.8735, 74.8329

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.



63.1233, 72.2553, 62.0714



70.5072, 72.2553, 104.8383



71.2755, 72.2553, 57.7389

Square

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



70.5072, 72.2553, 104.8383



77.2903, 72.2553, 73.5902



66.8778, 72.2553, 57.2705



60.7277, 72.2553, 83.9861

Rectangle

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



70.5072, 72.2553, 104.8383



76.4602, 72.2553, 90.4746



66.8778, 72.2553, 57.2705



61.4398, 72.2553, 67.9464

Sweetspot

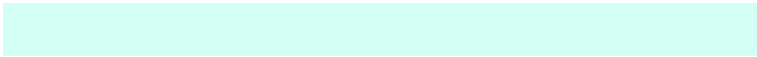
The Sweet Spot groups the original color and five complimentary colors.



70.5092, 72.2582, 104.8387



87.3635, 91.3609, 107.6376



79.1776, 91.9904, 100.3435



18.4763, 19.3036, 23.0021



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.



70.5092, 72.2582, 104.8387



65.9038, 66.9905, 104.0647



71.9209, 69.5724, 104.2459



17.3040, 17.9796, 22.8083



10.1613, 5.2323, 49.9089



1.0628, 0.6563, 4.8839

Inverse Universe

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



77.4538, 73.0174, 77.7250



74.1667, 68.0174, 71.7763



84.3198, 95.1952, 75.5601



18.1613, 18.0479, 19.4668



21.9172, 11.2562, 2.9483



2.1711, 1.1108, 0.4822

Previews

White Background



This preview shows how the XYZ color 70.5072, 72.2553, 104.8383 looks on a white background.

Color Contrast Check

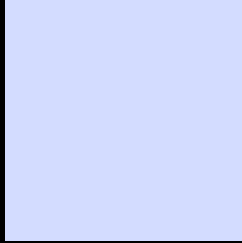
Large Text (above 18pt) WCAG AA × Fail

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 70.5072, 72.2553, 104.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

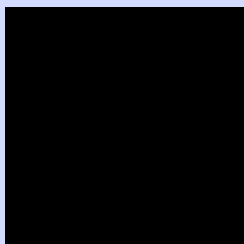
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5072, 72.2553, 104.8383

Background



This preview shows how black text looks on a background with the XYZ color 70.5072, 72.2553, 104.8383.



This preview shows how white text looks on a background with the XYZ color 70.5072, 72.2553,

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

70.5072, 72.2553, 104.8383

Protanopia

71.2452, 72.2659, 103.9596

Deuteranopia

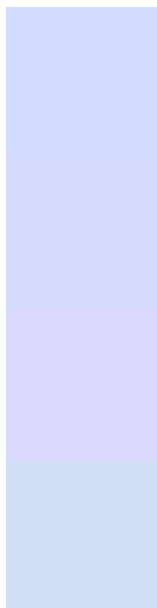
73.6572, 72.3393, 104.6885



Tritanopia

68.1283, 72.4765, 92.8367

Trichromacy



Original Color

70.5072, 72.2553, 104.8383

Protanomaly

70.9525, 72.1149, 103.9459

Deuteranomaly

72.3781, 72.0614, 104.7022

Tritanomaly

68.8972, 72.3904, 96.7277

Monochromacy



Original Color

70.5072, 72.2553, 104.8383

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 70.5072, 72.2553, 104.8383 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(211, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 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(211, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.5072, 72.2553, 104.8383 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(211, 220, 255) }
```


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

```
.border{ border-color:rgb(211, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5072, 72.2553, 104.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 255) }
```

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

```
.background{ background-color: rgb(211,  
220, 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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