

Converting Colors

XYZ(72.6655, 75.2751,
113.8356)

Have a look what the booklet for
XYZ(72.6655, 75.2751, 113.8356)
contains.

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Color

**XYZ(70.9876, 74.4803,
105.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E1FF
RGB	208, 225, 255
RGB Percent	82%, 88%, 100%
CMY	0.1843, 0.1176, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	218°, 100%, 91%
HSV	218°, 18%, 100%
XYZ	70.9876, 74.4803, 105.2424
YIQ	223.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

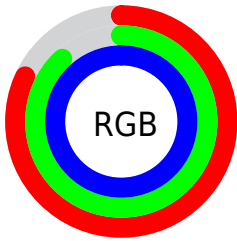
Format	Color
R _Y B	208, 220, 255
Decimal	13689343
CIE Lab	89.15, 0.42, -16.45
CIE LCh	89, 16.460, 271.457
Yxy	74.4803, 0.2831, 0.2971
Android (android.graphics.Color)	4291879423 (0xFFD0E1FF)
YUV	223.3370, 15.6099, -13.4505
Hunter-Lab	86.3020, -4.2034, -11.8908

Details

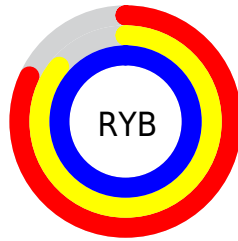
The XYZ color **70.9876, 74.4803, 105.2424** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1994, 86.9620, 72.0764**, and the grayscale version is **70.2830, 73.9432, 80.5242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7046, 39.5990, 59.0822** is the 20% darker color. If you saturate the color by 10%, you get **60.1946, 62.6949, 103.5365**, and if you desaturate by 10%, it is **83.3567, 87.7046, 107.1431**.

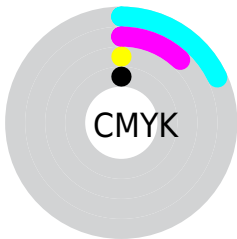
Distribution



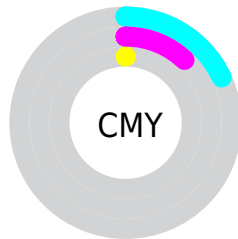
- Red (82%)
- Green (88%)
- Blue (100%)



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



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9876, 74.4803, 105.2424 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 70.9876, 74.4803, 105.2424 by changing the saturation by 10% instead.

■ 70.9876, 74.4803,
105.2424

■ 70.9876, 74.4803,
105.2424

453.2226,
476.1294, 598.2623

■ 52.6146, 55.1872,
80.0447

119.6347,
125.5764, 170.4575

■ 37.7214, 39.5517,
59.2287

150.6394,
158.1483, 211.3118

■ 25.9428, 27.1891,
42.3760

186.5855,
195.9152, 258.2222

■ 16.9133, 17.7153,
29.0681

227.8382,
239.2616, 311.6071

■ 10.2676, 10.7458,
18.8863

274.7629,
288.5718, 371.8850

■ 5.6404, 5.8962,
11.4122

327.7250,

■ 2.6662, 2.7820,

344.2302, 439.4744

6.2271

387.0898,
406.6213, 514.7941

■ 0.9798, 1.0190,
2.9127

■ 0.0000, 0.0000,
1.0502

■ 70.9876, 74.4803,
105.2424

■ 70.9876, 74.4803,
105.2424

■ 60.1946, 62.6949,
103.5365

■ 83.3567, 87.7046,
107.1431

■ 50.9048, 52.2877,
102.0173

95.0500, 100.0000,
108.9000

■ 43.0488, 43.2069,
100.6786

■ 36.5485, 35.3931,
99.5130

■ 31.3182, 28.7821,
98.5126

■ 27.2610, 23.3030,
97.6689

■ 24.2642, 18.8751,
96.9721

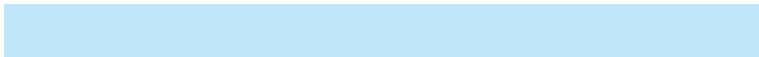
■ 22.1748, 15.3953,
96.4106

■ 21.8989, 14.9179,
96.3330

Harmonies

Analogous

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



67.1697, 74.4803, 102.0889



70.9876, 74.4803, 105.2424



74.8930, 74.4803, 101.4354

Triad

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



70.9876, 74.4803, 105.2424



77.5763, 74.4803, 70.1068



64.2299, 74.4803, 70.9934

Complementary

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



70.9876, 74.4803, 105.2424



83.1994, 86.9620, 72.0764

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.



66.8422, 74.4803, 63.6759



70.9876, 74.4803, 105.2424



74.5408, 74.4803, 63.1990

Square

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



70.9876, 74.4803, 105.2424



78.7847, 74.4803, 80.5360



70.5953, 74.4803, 60.9586



63.3577, 74.4803, 81.6594

Rectangle

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



70.9876, 74.4803, 105.2424



76.9966, 74.4803, 95.6530



70.5953, 74.4803, 60.9586



64.9286, 74.4803, 68.0970

Sweetspot

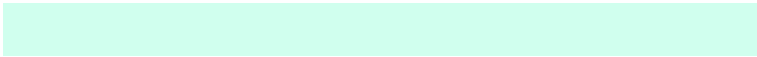
The Sweet Spot groups the original color and five complimentary colors.



70.9896, 74.4833, 105.2429



86.6070, 91.1399, 107.6348



77.1716, 91.0897, 94.2247



18.3485, 19.3082, 23.0097



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.



70.9896, 74.4833, 105.2429



66.9591, 70.1134, 104.6119



68.4166, 66.6696, 103.8703



17.5409, 18.4534, 22.8873



11.5712, 8.0521, 50.3789



1.2260, 0.9826, 4.9383

Inverse Universe

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



77.3877, 71.8095, 81.0194



74.4523, 67.1856, 76.1967



86.1175, 96.1650, 73.6990



18.2809, 18.0957, 20.0964



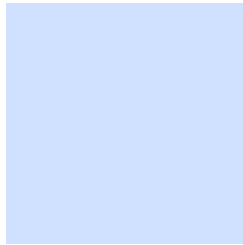
22.6288, 11.5408, 6.6959



2.2534, 1.1437, 0.9159

Previews

White Background



This preview shows how the XYZ color 70.9876, 74.4803, 105.2424 looks on a white background.

Color Contrast Check

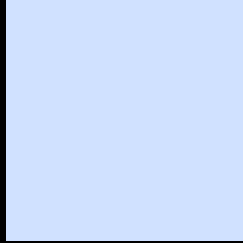
Large Text (above 18pt) WCAG AA × Fail

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 70.9876, 74.4803, 105.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

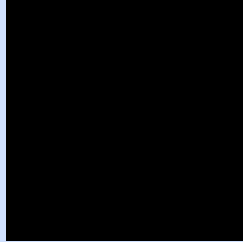
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9876, 74.4803, 105.2424

Background



This preview shows how black text looks on a background with the XYZ color 70.9876, 74.4803, 105.2424.



This preview shows how white text looks on a background with the XYZ color 70.9876, 74.4803,

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

70.9876, 74.4803, 105.2424

Protanopia

73.0643, 74.3945, 103.4372

Deuteranopia

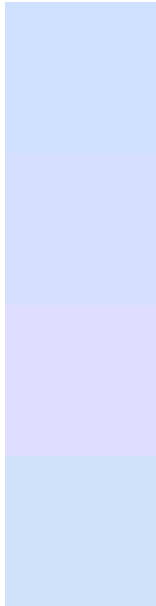
75.7545, 74.1858, 104.9343



Tritanopia

69.4041, 74.6526, 97.1376

Trichromacy



Original Color

70.9876, 74.4803, 105.2424

Protanomaly

72.3014, 74.3782, 104.3117

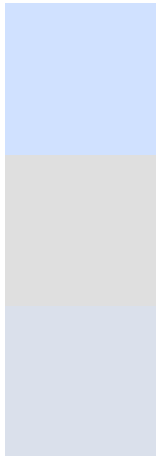
Deuteranomaly

74.0307, 74.4625, 105.0786

Tritanomaly

70.0274, 74.4977, 100.3112

Monochromacy



Original Color

70.9876, 74.4803, 105.2424

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5645, 74.2149, 89.2030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9876, 74.4803, 105.2424 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 225, 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(208, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.9876, 74.4803, 105.2424 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, 225, 255) }
```


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

```
.border{ border-color:rgb(208, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9876, 74.4803, 105.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 225, 255) }
```

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

```
.background{ background-color: rgb(208,  
225, 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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