

Converting Colors

XYZ(70.1224, 64.7283,
103.4057)

Have a look what the booklet for
XYZ(70.1224, 64.7283, 103.4057)
contains.

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Color

**XYZ(70.0683, 64.6973,
103.4026)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C8FF
RGB	226, 200, 255
RGB Percent	89%, 78%, 100%
CMY	0.1137, 0.2157, 0.0000
CMYK	0.11, 0.22, 0.00, 0.00
HSL	268°, 100%, 89%
HSV	268°, 22%, 100%
XYZ	70.0683, 64.6973, 103.4026
YIQ	214.0440, -2.1590, 22.6170

Conversions

Conversions Part 2

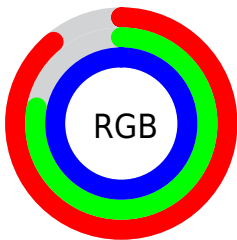
Format	Color
R _Y B	226, 200, 255
Decimal	14862591
CIE Lab	84.33, 19.23, -23.61
CIE LCh	84, 30.451, 309.170
Yxy	64.6973, 0.2942, 0.2716
Android (android.graphics.Color)	4293052671 (0xFFE2C8FF)
YUV	214.0440, 20.1913, 10.4854
Hunter-Lab	80.4346, 14.7345, -19.9159

Details

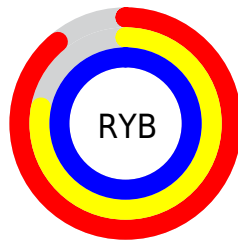
The XYZ color **70.0683, 64.6973, 103.4026** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4999, 92.3488, 68.3343**, and the grayscale version is **63.8172, 67.1407, 73.1162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0495, 33.1810, 57.8779** is the 20% darker color. If you saturate the color by 10%, you get **60.5959, 51.7675, 101.4061**, and if you desaturate by 10%, it is **80.8599, 79.7726, 105.7436**.

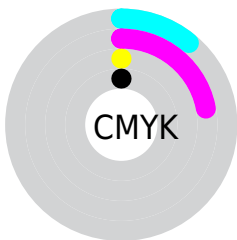
Distribution



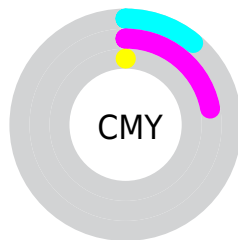
- Red (89%)
- Green (78%)
- Blue (100%)



- Red (89%)
- Yellow (78%)
- Blue (100%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0683, 64.6973, 103.4026 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 70.0683, 64.6973, 103.4026 by changing the saturation by 10% instead.

70.0683, 64.6973,
103.4026

70.0683, 64.6973,
103.4026

450.0525,
441.7034, 592.3871

51.8620, 47.2157,
78.5126

118.3319,
111.6146, 167.9178

37.1189, 33.2062,
57.9762

149.1199,
141.8190, 208.3801

25.4737, 22.2844,
41.3749

184.8325,
177.0331, 254.8702

16.5609, 14.0661,
28.2903

225.8351,
217.6414, 307.8067

10.0153, 8.1666,
18.3036

272.4931,
264.0281, 367.6081

5.4714, 4.2018,
10.9965

325.1717,

2.5640, 1.7870,

316.5778, 434.6929

5.9503

384.2364,
375.6747, 509.4797

■ 0.9276, 0.4791,
2.7466

■ 0.0000, 0.0000,
0.9668

■ 70.0683, 64.6973,
103.4026

■ 70.0683, 64.6973,
103.4026

■ 60.5959, 51.7675,
101.4061

■ 80.8599, 79.7726,
105.7436

■ 52.3808, 40.8737,
99.7364

■ 93.0180, 97.0801,
108.4435

■ 45.3642, 31.9087,
98.3758

95.0500, 100.0000,
108.9000

■ 39.4796, 24.7518,
97.3045

■ 34.6534, 19.2681,
96.5004

■ 30.8017, 15.3030,
95.9381

■ 27.8249, 12.6712,
95.5870

■ 25.8713, 11.2520,
95.4160

Harmonies

Analogous

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



63.5865, 64.6973, 113.9251



70.0683, 64.6973, 103.4026



74.4508, 64.6973, 84.5189

Triad

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



70.0683, 64.6973, 103.4026



66.2287, 64.6973, 41.0799



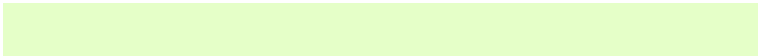
49.5394, 64.6973, 76.5415

Complementary

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



70.0683, 64.6973, 103.4026



78.4999, 92.3488, 68.3343

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.



50.1330, 64.6973, 58.0261



70.0683, 64.6973, 103.4026



59.4457, 64.6973, 39.7297

Square

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



70.0683, 64.6973, 103.4026



72.1237, 64.6973, 49.4616



53.6473, 64.6973, 45.3590



51.9616, 64.6973, 96.6529

Rectangle

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



70.0683, 64.6973, 103.4026



75.4179, 64.6973, 70.9843



53.6473, 64.6973, 45.3590



49.3969, 64.6973, 69.9071

Sweetspot

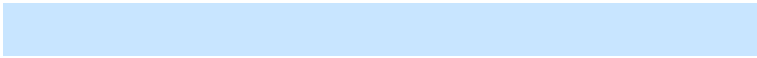
The Sweet Spot groups the original color and five complimentary colors.



70.0701, 64.6999, 103.4030



87.4559, 89.1256, 107.2013



69.9830, 75.7246, 105.5355



18.5487, 18.8339, 22.9076



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.



70.0701, 64.6999, 103.4030



65.7108, 58.7083, 102.4762



79.2742, 69.4448, 103.8337



17.8197, 17.7988, 22.7463



13.6877, 5.9668, 49.8649



1.4577, 0.6454, 4.8610

Inverse Universe

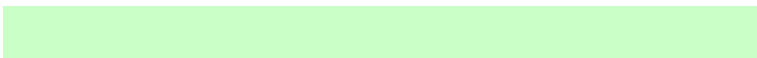
The Inverse Universe completely reimagines the original color for something new.



76.0387, 68.2281, 83.2924



72.7814, 62.8896, 78.5815



70.4992, 88.2243, 67.9599



18.4096, 18.1471, 20.7740



23.8900, 12.0453, 13.3373



2.3813, 1.1949, 1.5895

Previews

White Background



This preview shows how the XYZ color 70.0683, 64.6973, 103.4026 looks on a white background.

Color Contrast Check

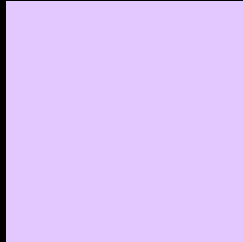
Large Text (above 18pt) WCAG AA × Fail

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 70.0683, 64.6973, 103.4026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

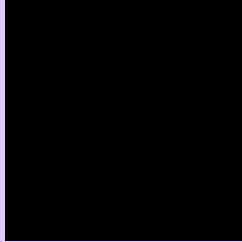
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0683, 64.6973, 103.4026

Background



This preview shows how black text looks on a background with the XYZ color 70.0683, 64.6973, 103.4026.



This preview shows how white text looks on a background with the XYZ color 70.0683, 64.6973,

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

70.0683, 64.6973, 103.4026

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.2552, 64.8537, 102.7919



Tritanopia

65.0749, 64.7887, 78.1829

Trichromacy



Original Color

70.0683, 64.6973, 103.4026

Protanomaly

66.4158, 64.9179, 103.6377

Deuteranomaly

67.5066, 64.7886, 102.7134

Tritanomaly

66.8756, 64.8142, 86.8276

Monochromacy



Original Color

70.0683, 64.6973, 103.4026

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8568, 66.1635, 83.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0683, 64.6973, 103.4026 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(226, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 200, 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(226, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.0683, 64.6973, 103.4026 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(226, 200, 255) }
```


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

```
.border{ border-color:rgb(226, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0683, 64.6973, 103.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 200, 255) }
```

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

```
.background{ background-color: rgb(226,  
200, 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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