

Converting Colors

XYZ(73.7770, 70.7684,
104.3789)

Have a look what the booklet for
XYZ(73.7770, 70.7684, 104.3789)
contains.

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Color

**XYZ(73.9066, 70.9650,
104.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D4FF
RGB	229, 212, 255
RGB Percent	90%, 83%, 100%
CMY	0.1020, 0.1686, 0.0000
CMYK	0.10, 0.17, 0.00, 0.00
HSL	264°, 100%, 92%
HSV	264°, 17%, 100%
XYZ	73.9066, 70.9650, 104.4101
YIQ	221.9850, -3.6710, 16.9770

Conversions

Conversions Part 2

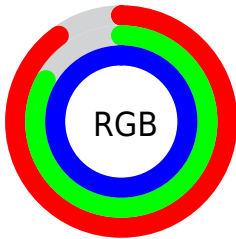
Format	Color
R_{YB}	229, 212, 255
Decimal	15062271
CIE _{Lab}	87.47, 13.80, -18.83
CIE _{LCh}	87, 23.345, 306.235
Yxy	70.9650, 0.2965, 0.2847
Android (android.graphics.Color)	4293252351 (0xFFE5D4FF)
YUV	221.9850, 16.2764, 6.1522
Hunter-Lab	84.2407, 9.1815, -14.5170

Details

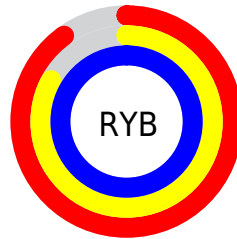
The XYZ color **73.9066, 70.9650, 104.4101** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9052, 94.4514, 76.1521**, and the grayscale version is **69.3129, 72.9226, 79.4127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4836, 37.0754, 58.5013** is the 20% darker color. If you saturate the color by 10%, you get **63.3255, 56.7845, 102.2306**, and if you desaturate by 10%, it is **85.9352, 87.3898, 106.9464**.

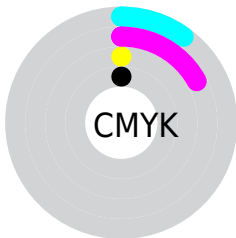
Distribution



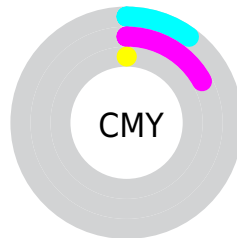
- Red (90%)
- Green (83%)
- Blue (100%)



- Red (90%)
- Yellow (83%)
- Blue (100%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9066, 70.9650, 104.4101 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 73.9066, 70.9650, 104.4101 by changing the saturation by 10% instead.

73.9066, 70.9650,
104.4101

73.9066, 70.9650,
104.4101

463.2062,
463.9311, 595.6082

55.0086, 52.3136,
79.3513

123.7596,
120.5839, 169.3091

39.6425, 37.2551,
58.6617

155.4453,
152.3202, 209.9865

27.4429, 25.4051,
41.9226

192.1244,
189.1869, 256.7071

18.0444, 16.3791,
28.7156

234.1620,
231.5685, 309.8895

11.0818, 9.7928,
18.6221

281.9237,
279.8493, 369.9523

6.1896, 5.2618,
11.2235

335.7747,

3.0024, 2.4017,

334.4138, 437.3140

6.1013

396.0804,
395.6462, 512.3931

■ 1.1551, 0.8268,
2.8370

■ 0.0704, 0.0000,
1.0120

■ 73.9066, 70.9650,
104.4101

■ 73.9066, 70.9650,
104.4101

■ 63.3255, 56.7845,
102.2306

■ 85.9352, 87.3898,
106.9464

■ 54.1277, 44.7396,
100.3905

95.0500, 100.0000,
108.9000

■ 46.2524, 34.7252,
98.8726

■ 39.6317, 26.6240,
97.6579

■ 34.1911, 20.3057,
96.7251

■ 29.8469, 15.6236,
96.0503

■ 26.5027, 12.4058,
95.6055

■ 24.0391, 10.4365,
95.3552

■ 23.3954, 9.9757,
95.3002

Harmonies

Analogous

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



68.6069, 70.9650, 111.5166



73.9066, 70.9650, 104.4101



77.6156, 70.9650, 90.1493

Triad

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



73.9066, 70.9650, 104.4101



71.8092, 70.9650, 52.6989



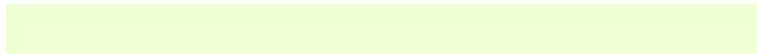
57.4593, 70.9650, 80.6102

Complementary

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



73.9066, 70.9650, 104.4101



82.9052, 94.4514, 76.1521

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.



58.2134, 70.9650, 65.6777



73.9066, 70.9650, 104.4101



66.3063, 70.9650, 50.8665

Square

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



73.9066, 70.9650, 104.4101



76.3593, 70.9650, 60.6896



61.3810, 70.9650, 55.2928



59.2623, 70.9650, 96.6219

Rectangle

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



73.9066, 70.9650, 104.4101



78.5808, 70.9650, 79.2781



61.3810, 70.9650, 55.2928



57.4235, 70.9650, 75.2938

Sweetspot

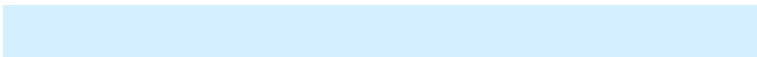
The Sweet Spot groups the original color and five complimentary colors.



73.9086, 70.9679, 104.4105



88.3369, 90.7002, 107.4588



75.9286, 82.6693, 106.5627



18.7123, 19.1440, 22.9589



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.



73.9086, 70.9679, 104.4105



70.4335, 66.2789, 103.6886



81.0133, 74.6306, 104.7430



17.6824, 17.7280, 22.7398



12.3808, 5.2930, 49.8037



1.3242, 0.5766, 4.8548

Inverse Universe

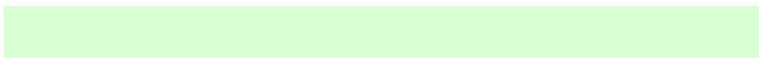
The Inverse Universe completely reimagines the original color for something new.



80.2178, 74.5227, 91.0476



77.8049, 70.4345, 87.9693



76.2659, 91.0287, 75.8414



18.4707, 18.1716, 21.0960



24.6805, 12.3615, 17.4997



2.4569, 1.2251, 1.9874

Previews

White Background



This preview shows how the XYZ color 73.9066, 70.9650, 104.4101 looks on a white background.

Color Contrast Check

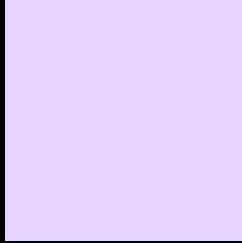
Large Text (above 18pt) WCAG AA × Fail

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 73.9066, 70.9650, 104.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

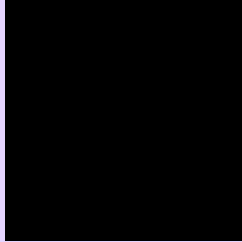
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9066, 70.9650, 104.4101

Background



This preview shows how black text looks on a background with the XYZ color 73.9066, 70.9650, 104.4101.

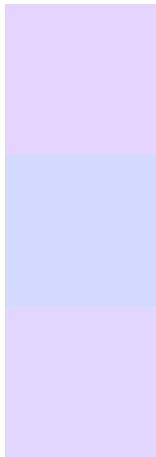


This preview shows how white text looks on a background with the XYZ color 73.9066, 70.9650,

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

73.9066, 70.9650, 104.4101

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.8370, 71.1604, 104.5042



Tritanopia

70.3152, 71.0025, 87.0896

Trichromacy



Original Color

73.9066, 70.9650, 104.4101

Protanomaly

71.5193, 71.2372, 104.5884

Deuteranomaly

73.2083, 70.9773, 104.4492

Tritanomaly

71.5417, 71.1205, 93.1761

Monochromacy



Original Color

73.9066, 70.9650, 104.4101

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.9740, 72.0909, 88.0161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9066, 70.9650, 104.4101 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(229, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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(229, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9066, 70.9650, 104.4101 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(229, 212, 255) }
```


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

```
.border{ border-color:rgb(229, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9066, 70.9650, 104.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 255) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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