

Converting Colors

XYZ(72.4484, 70.2056,
104.1985)

Have a look what the booklet for
XYZ(72.4484, 70.2056, 104.1985)
contains.

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Color

**XYZ(72.3340, 70.1543,
104.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D4FF
RGB	224, 212, 255
RGB Percent	88%, 83%, 100%
CMY	0.1216, 0.1686, 0.0000
CMYK	0.12, 0.17, 0.00, 0.00
HSL	257°, 100%, 92%
HSV	257°, 17%, 100%
XYZ	72.3340, 70.1543, 104.3365
YIQ	220.4900, -6.6510, 15.9170

Conversions

Conversions Part 2

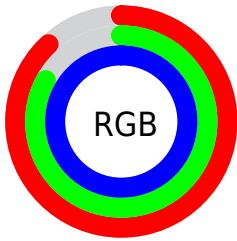
Format	Color
R_{YB}	224, 212, 255
Decimal	14734591
CIE _{Lab}	87.07, 12.22, -19.47
CIE _{LCh}	87, 22.983, 302.118
Y _{xy}	70.1543, 0.2931, 0.2842
Android (android.graphics.Color)	4292924671 (0xFFE0D4FF)
YUV	220.4900, 17.0134, 3.0783
Hunter-Lab	83.7582, 7.5768, -15.2261

Details

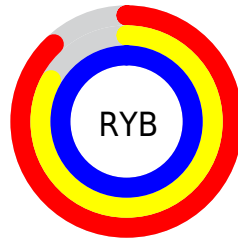
The XYZ color **72.3340, 70.1543, 104.3365** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.6074, 95.3289, 76.2317**, and the grayscale version is **68.2597, 71.8145, 78.2060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6122, 36.6262, 58.4606** is the 20% darker color. If you saturate the color by 10%, you get **61.0631, 55.6182, 102.1247**, and if you desaturate by 10%, it is **85.2315, 87.0270, 106.9135**.

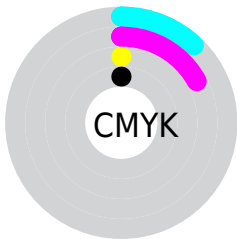
Distribution



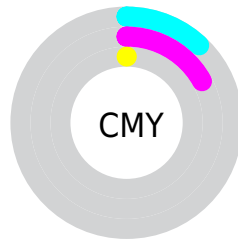
- Red (88%)
- Green (83%)
- Blue (100%)



- Red (88%)
- Yellow (83%)
- Blue (100%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3340, 70.1543, 104.3365 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 72.3340, 70.1543, 104.3365 by changing the saturation by 10% instead.

72.3340, 70.1543,
104.3365

72.3340, 70.1543,
104.3365

457.8429,
461.0916, 595.3732

53.7180, 51.6523,
79.2900

121.5395,
119.4288, 169.2075

38.6060, 36.7280,
58.6116

152.8597,
150.9701, 209.8692

26.6327, 24.9970,
41.8826

189.1454,
187.6266, 256.5730

17.4327, 16.0748,
28.6845

230.7619,
229.7828, 309.7375

10.6407, 9.5771,
18.5987

278.0745,
277.8229, 369.7812

5.8913, 5.1195,
11.2068

331.4486,

2.8191, 2.3175,

332.1316, 437.1227

6.0902

391.2497,
393.0930, 512.1806

■ 1.0588, 0.7830,
2.8303

■ 0.0000, 0.0000,
1.0087

■ 72.3340, 70.1543,
104.3365

■ 72.3340, 70.1543,
104.3365

■ 61.0631, 55.6182,
102.1247

■ 85.2315, 87.0270,
106.9135

■ 51.3464, 43.3058,
100.2603

95.0500, 100.0000,
108.9000

■ 43.1144, 33.1075,
98.7258

■ 36.2898, 24.9011,
97.5015

■ 30.7879, 18.5513,
96.5658

■ 26.5141, 13.9055,
95.8943

■ 23.3597, 10.7855,
95.4584

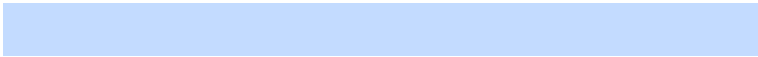
■ 21.1915, 8.9685,
95.2219

■ 20.6599, 8.5655,
95.1721

Harmonies

Analogous

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



67.0627, 70.1543, 109.9946



72.3340, 70.1543, 104.3365



76.2510, 70.1543, 91.1007

Triad

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



72.3340, 70.1543, 104.3365



71.6369, 70.1543, 53.0706



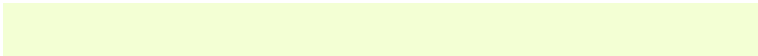
56.8639, 70.1543, 77.4866

Complementary

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



72.3340, 70.1543, 104.3365



84.6074, 95.3289, 76.2317

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.



57.9446, 70.1543, 63.3479



72.3340, 70.1543, 104.3365



66.2979, 70.1543, 50.4327

Square

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



72.3340, 70.1543, 104.3365



75.8336, 70.1543, 61.6881



61.3277, 70.1543, 53.9345



58.2935, 70.1543, 93.2509

Rectangle

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



72.3340, 70.1543, 104.3365



77.4642, 70.1543, 80.5228



61.3277, 70.1543, 53.9345



56.9455, 70.1543, 72.3936

Sweetspot

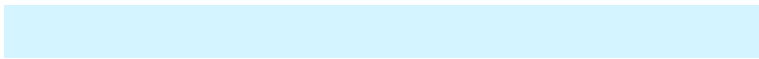
The Sweet Spot groups the original color and five complimentary colors.



72.3359, 70.1571, 104.3369



87.8152, 90.4313, 107.4344



77.4137, 85.6395, 107.0577



18.5858, 19.0787, 22.9529



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.



72.3359, 70.1571, 104.3369



68.6255, 65.3468, 103.6040



79.2397, 73.7162, 104.6600



17.4788, 17.6230, 22.7303



10.9191, 4.5395, 49.7353



1.1638, 0.4939, 4.8473

Inverse Universe

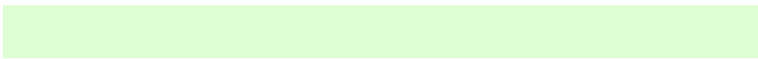
The Inverse Universe completely reimagines the original color for something new.



80.9628, 74.8207, 94.9708



78.6755, 70.7828, 92.5540



77.7799, 91.8092, 75.9122



18.5638, 18.2088, 21.5859



26.1278, 12.9404, 25.1212



2.5905, 1.2786, 2.6910

Previews

White Background



This preview shows how the XYZ color 72.3340, 70.1543, 104.3365 looks on a white background.

Color Contrast Check

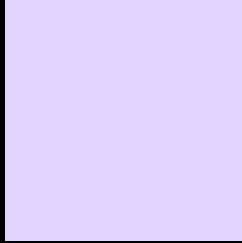
Large Text (above 18pt) WCAG AA × Fail

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 72.3340, 70.1543, 104.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

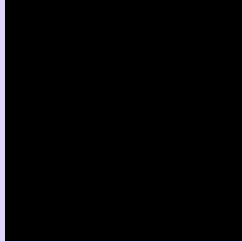
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3340, 70.1543, 104.3365

Background



This preview shows how black text looks on a background with the XYZ color 72.3340, 70.1543, 104.3365.

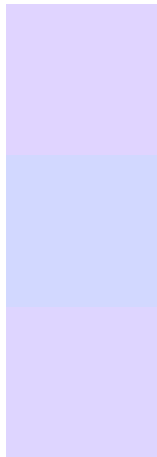


This preview shows how white text looks on a background with the XYZ color 72.3340, 70.1543,

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

72.3340, 70.1543, 104.3365

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.9685, 70.3381, 104.3912



Tritanopia

68.7790, 70.2106, 87.0177

Trichromacy



Original Color

72.3340, 70.1543, 104.3365

Protanomaly

70.3748, 70.2680, 104.4617

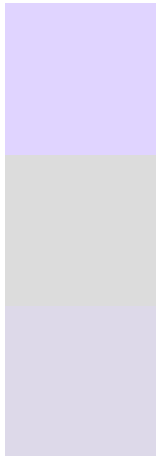
Deuteranomaly

72.2757, 70.4965, 104.4056

Tritanomaly

69.9964, 70.3239, 93.1038

Monochromacy



Original Color

72.3340, 70.1543, 104.3365

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3396, 70.8811, 87.1176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3340, 70.1543, 104.3365 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(224, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.3340, 70.1543, 104.3365 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(224, 212, 255) }
```


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

```
.border{ border-color:rgb(224, 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(224, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3340, 70.1543, 104.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 255) }
```

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

```
.background{ background-color: rgb(224,  
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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