

Converting Colors

XYZ(76.6158, 71.2343,
104.3193)

Have a look what the booklet for
XYZ(76.6158, 71.2343, 104.3193)
contains.

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Color

**XYZ(76.7856, 71.3462,
104.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D1FF
RGB	240, 209, 255
RGB Percent	94%, 82%, 100%
CMY	0.0588, 0.1804, 0.0000
CMYK	0.06, 0.18, 0.00, 0.00
HSL	280°, 100%, 91%
HSV	280°, 18%, 100%
XYZ	76.7856, 71.3462, 104.3319
YIQ	223.5130, 3.7100, 20.8780

Conversions

Conversions Part 2

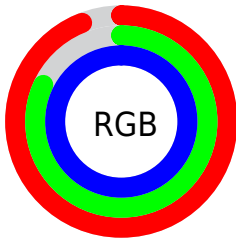
Format	Color
R _Y B	240, 209, 255
Decimal	15782399
CIE Lab	87.65, 18.90, -18.46
CIE LCh	88, 26.418, 315.666
Yxy	71.3462, 0.3041, 0.2826
Android (android.graphics.Color)	4293972479 (0xFFFF0D1FF)
YUV	223.5130, 15.5231, 14.4591
Hunter-Lab	84.4667, 14.4512, -14.1074

Details

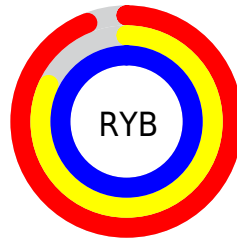
The XYZ color **76.7856, 71.3462, 104.3319** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0109, 91.9716, 73.9658**, and the grayscale version is **70.3970, 74.0631, 80.6547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5158, 37.3788, 58.4528** is the 20% darker color. If you saturate the color by 10%, you get **68.2650, 58.3992, 102.2820**, and if you desaturate by 10%, it is **86.4408, 86.3683, 106.7226**.

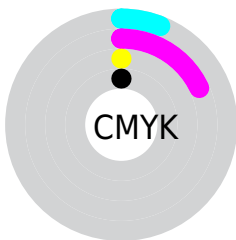
Distribution



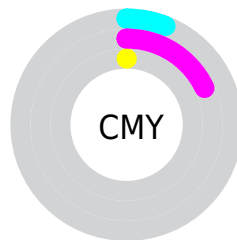
- Red (94%)
- Green (82%)
- Blue (100%)



- Red (94%)
- Yellow (82%)
- Blue (100%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7856, 71.3462, 104.3319 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 76.7856, 71.3462, 104.3319 by changing the saturation by 10% instead.

76.7856, 71.3462,
104.3319

76.7856, 71.3462,
104.3319

472.9359,
465.2628, 595.3585

57.3762, 52.6248,
79.2862

127.8112,
121.1265, 169.2012

41.5487, 37.5033,
58.6085

160.1582,
152.9542, 209.8619

28.9376, 25.5974,
41.8801

197.5485,
189.9195, 256.5646

19.1777, 16.5227,
28.6825

240.3473,
232.4067, 309.7280

11.9035, 9.8948,
18.5973

288.9201,
280.8002, 369.7705

6.7497, 5.3293,
11.2058

343.6322,

3.3510, 2.4417,

335.4845, 437.1108

6.0895

404.8490,
396.8438, 512.1673

■ 1.3420, 0.8472,
2.8299

■ 0.2143, 0.0000,
1.0085

■ 76.7856, 71.3462,
104.3319

■ 76.7856, 71.3462,
104.3319

■ 68.2650, 58.3992,
102.2820

■ 86.4408, 86.3683,
106.7226

■ 60.8237, 47.4226,
100.5555

95.0500, 100.0000,
108.9000

■ 54.4108, 38.3155,
99.1356

■ 48.9680, 30.9646,
98.0036

■ 44.4312, 25.2439,
97.1385

■ 40.7272, 21.0102,
96.5166

■ 37.7702, 18.0945,
96.1096

■ 35.4442, 16.2677,
95.8796

■ 35.0299, 15.9734,
95.8446

Harmonies

Analogous

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



71.1128, 71.3462, 115.7997



76.7856, 71.3462, 104.3319



80.1475, 71.3462, 86.5288

Triad

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



76.7856, 71.3462, 104.3319



70.8343, 71.3462, 48.8582



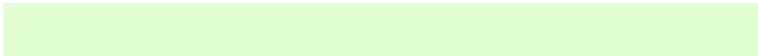
56.8771, 71.3462, 87.3628

Complementary

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



76.7856, 71.3462, 104.3319



78.0109, 91.9716, 73.9658

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.



56.8127, 71.3462, 69.4632



76.7856, 71.3462, 104.3319



64.6158, 71.3462, 49.0105

Square

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



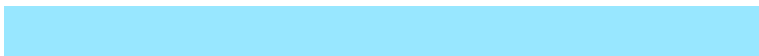
76.7856, 71.3462, 104.3319



76.5710, 71.3462, 55.5559



59.5671, 71.3462, 56.0100



59.7486, 71.3462, 105.0228

Rectangle

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



76.7856, 71.3462, 104.3319



80.5009, 71.3462, 74.3320



59.5671, 71.3462, 56.0100



56.5326, 71.3462, 81.1350

Sweetspot

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



76.7876, 71.3492, 104.3324



89.6035, 91.3532, 107.5181



71.0923, 74.2687, 105.1961



19.0201, 19.3026, 22.9733



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.



76.7876, 71.3492, 104.3324



73.2776, 65.9749, 103.4800



80.8819, 73.5996, 98.2096



18.1832, 17.9862, 22.7633



18.4674, 8.4308, 50.0885



1.9130, 0.8801, 4.8823

Inverse Universe

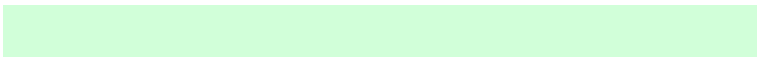
The Inverse Universe completely reimagines the original color for something new.



77.4968, 72.2456, 80.3839



74.1900, 67.0807, 74.8153



74.5377, 90.0688, 78.8781



18.2535, 18.0847, 19.9523



22.4283, 11.4606, 5.6400



2.2315, 1.1350, 0.8007

Previews

White Background



This preview shows how the XYZ color 76.7856, 71.3462, 104.3319 looks on a white background.

Color Contrast Check

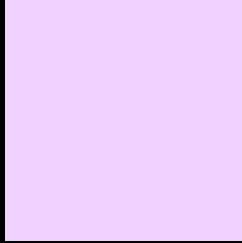
Large Text (above 18pt) WCAG AA × Fail

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 76.7856, 71.3462, 104.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

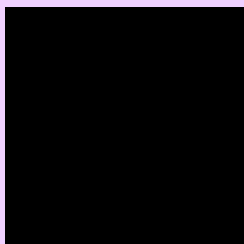
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7856, 71.3462, 104.3319

Background



This preview shows how black text looks on a background with the XYZ color 76.7856, 71.3462, 104.3319.

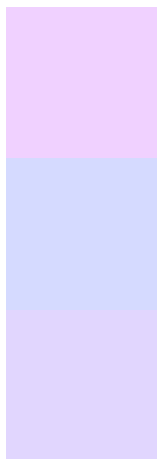


This preview shows how white text looks on a background with the XYZ color 76.7856, 71.3462,

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

76.7856, 71.3462, 104.3319

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

72.9873, 71.2564, 103.6730



Tritanopia

72.6692, 71.1345, 84.7632

Trichromacy



Original Color

76.7856, 71.3462, 104.3319

Protanomaly

72.7819, 71.5089, 104.5743

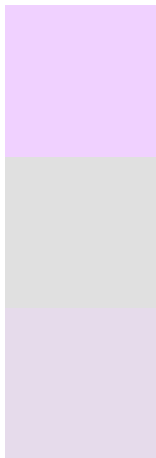
Deuteranomaly

74.0660, 71.0657, 103.5793

Tritanomaly

74.0485, 71.3235, 91.5254

Monochromacy



Original Color

76.7856, 71.3462, 104.3319

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9600, 73.4842, 88.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7856, 71.3462, 104.3319 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(240, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 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(240, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.7856, 71.3462, 104.3319 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(240, 209, 255) }
```


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

```
.border{ border-color:rgb(240, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7856, 71.3462, 104.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 255) }
```

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

```
.background{ background-color: rgb(240,  
209, 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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