

Converting Colors

XYZ(86.5590, 75.4451,
158.3335)

Have a look what the booklet for
XYZ(86.5590, 75.4451, 158.3335)
contains.

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Color

**XYZ(76.3565, 71.4903,
104.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	EED2FF
RGB	238, 210, 255
RGB Percent	93%, 82%, 100%
CMY	0.0667, 0.1765, 0.0000
CMYK	0.07, 0.18, 0.00, 0.00
HSL	277°, 100%, 91%
HSV	277°, 18%, 100%
XYZ	76.3565, 71.4903, 104.3823
YIQ	223.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

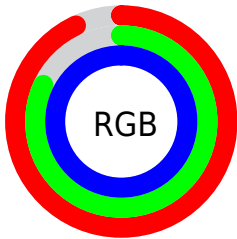
Format	Color
R _Y B	238, 210, 255
Decimal	15651583
CIE Lab	87.72, 17.73, -18.37
CIE LCh	88, 25.530, 313.973
Yxy	71.4903, 0.3027, 0.2834
Android (android.graphics.Color)	4293841663 (0xFFEED2FF)
YUV	223.5020, 15.5285, 12.7147
Hunter-Lab	84.5519, 13.2325, -14.0092

Details

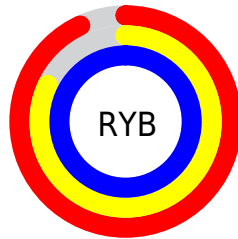
The XYZ color **76.3565, 71.4903, 104.3823** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.0730, 92.5048, 74.6638**, and the grayscale version is **70.3898, 74.0556, 80.6465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2058, 37.4650, 58.4858** is the 20% darker color. If you saturate the color by 10%, you get **67.4077, 58.2656, 102.3014**, and if you desaturate by 10%, it is **86.4854, 86.8162, 106.8067**.

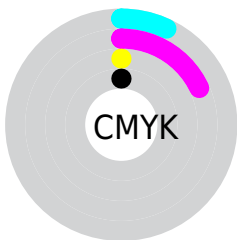
Distribution



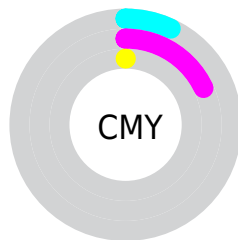
- Red (93%)
- Green (82%)
- Blue (100%)



- Red (93%)
- Yellow (82%)
- Blue (100%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3565, 71.4903, 104.3823 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 76.3565, 71.4903, 104.3823 by changing the saturation by 10% instead.

76.3565, 71.4903,
104.3823

76.3565, 71.4903,
104.3823

471.4928,
465.7656, 595.5195

57.0230, 52.7424,
79.3282

127.2084,
121.3316, 169.2707

41.2639, 37.5972,
58.6428

159.4574,
153.1938, 209.9422

28.7139, 25.6702,
41.9075

196.7424,
190.1962, 256.6564

19.0077, 16.5771,
28.7038

239.4286,
232.7233, 309.8321

11.7799, 9.9334,
18.6132

287.8814,
281.1593, 369.8877

6.6651, 5.3548,
11.2172

342.4661,

3.2980, 2.4569,

335.8888, 437.2418

6.0971

403.5481,
397.2961, 512.3128

■ 1.3132, 0.8549,
2.8345

■ 0.1931, 0.0000,
1.0107

■ 76.3565, 71.4903,
104.3823

■ 76.3565, 71.4903,
104.3823

■ 67.4077, 58.2656,
102.3014

■ 86.4854, 86.8162,
106.8067

■ 59.5830, 47.0372,
100.5465

95.0500, 100.0000,
108.9000

■ 52.8303, 37.7040,
99.1009

■ 47.0910, 30.1526,
97.9458

■ 42.2997, 24.2571,
97.0604

■ 38.3830, 19.8744,
96.4209

■ 35.2542, 16.8362,
95.9994

■ 32.8002, 14.9208,
95.7590

■ 32.2822, 14.5570,
95.7161

Harmonies

Analogous

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



70.7992, 71.4903, 114.8812



76.3565, 71.4903, 104.3823



79.7630, 71.4903, 87.4124

Triad

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



76.3565, 71.4903, 104.3823



71.2141, 71.4903, 49.9940



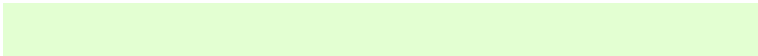
57.2676, 71.4903, 86.1717

Complementary

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



76.3565, 71.4903, 104.3823



79.0730, 92.5048, 74.6638

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.



57.3640, 71.4903, 68.9947



76.3565, 71.4903, 104.3823



65.1771, 71.4903, 49.7642

Square

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



76.3565, 71.4903, 104.3823



76.6757, 71.4903, 56.9120



60.1832, 71.4903, 56.2292



59.9116, 71.4903, 103.3585

Rectangle

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



76.3565, 71.4903, 104.3823



80.2362, 71.4903, 75.5534



60.1832, 71.4903, 56.2292



56.9857, 71.4903, 80.1738

Sweetspot

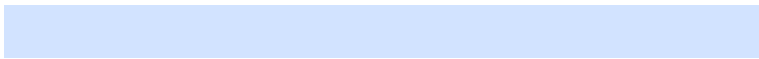
The Sweet Spot groups the original color and five complimentary colors.



76.3585, 71.4933, 104.3828



89.3667, 91.2311, 107.5070



72.1682, 75.9992, 105.4734



18.9625, 19.2729, 22.9706



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.



76.3585, 71.4933, 104.3828



73.2268, 66.8265, 103.6471



81.5041, 74.2422, 100.2720



18.0889, 17.9375, 22.7589



17.0393, 7.6946, 50.0217



1.7805, 0.8118, 4.8761

Inverse Universe

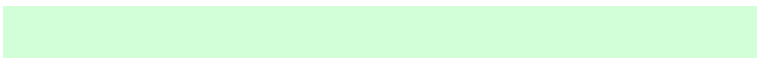
The Inverse Universe completely reimagines the original color for something new.



78.1534, 72.9020, 82.6276



75.3736, 68.5002, 78.1317



74.6383, 90.1418, 77.9269



18.2932, 18.1006, 20.1613



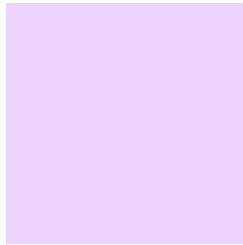
22.7266, 11.5800, 7.2110



2.2639, 1.1479, 0.9709

Previews

White Background



This preview shows how the XYZ color 76.3565, 71.4903, 104.3823 looks on a white background.

Color Contrast Check

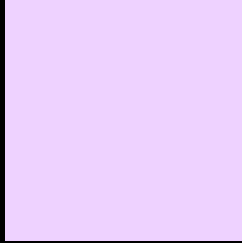
Large Text (above 18pt) WCAG AA × Fail

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 76.3565, 71.4903, 104.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

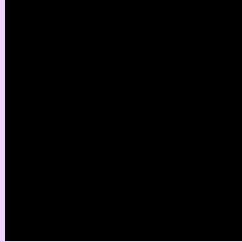
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3565, 71.4903, 104.3823

Background



This preview shows how black text looks on a background with the XYZ color 76.3565, 71.4903, 104.3823.

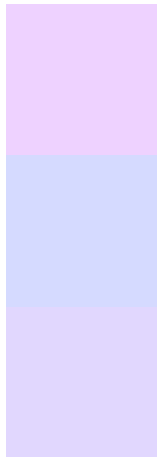


This preview shows how white text looks on a background with the XYZ color 76.3565, 71.4903,

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

76.3565, 71.4903, 104.3823

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

73.2412, 71.7642, 103.7576



Tritanopia

72.4021, 71.3551, 85.5582

Trichromacy



Original Color

76.3565, 71.4903, 104.3823

Protanomaly

72.4746, 71.3505, 104.5599

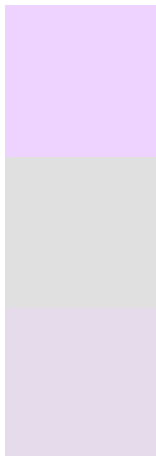
Deuteranomaly

74.3168, 71.5673, 103.6629

Tritanomaly

73.7834, 71.5419, 92.3582

Monochromacy



Original Color

76.3565, 71.4903, 104.3823

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6400, 73.3192, 88.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3565, 71.4903, 104.3823 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(238, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 210, 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(238, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.3565, 71.4903, 104.3823 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(238, 210, 255) }
```


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

```
.border{ border-color:rgb(238, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3565, 71.4903, 104.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 210, 255) }
```

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

```
.background{ background-color: rgb(238,  
210, 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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