

Converting Colors

XYZ(76.6385, 70.5464,
104.1853)

Have a look what the booklet for
XYZ(76.6385, 70.5464, 104.1853)
contains.

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Color

**XYZ(76.6385, 70.5464,
104.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CFFF
RGB	241, 207, 255
RGB Percent	95%, 81%, 100%
CMY	0.0549, 0.1882, 0.0000
CMYK	0.05, 0.19, 0.00, 0.00
HSL	283°, 100%, 91%
HSV	283°, 19%, 100%
XYZ	76.6385, 70.5464, 104.1853
YIQ	222.6380, 4.8560, 22.1360

Conversions

Conversions Part 2

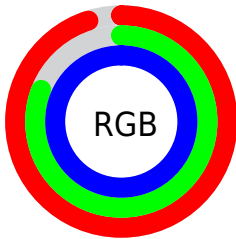
Format	Color
R _Y B	241, 207, 255
Decimal	15847423
CIE Lab	87.26, 20.27, -19.04
CIE LCh	87, 27.813, 316.799
Yxy	70.5464, 0.3049, 0.2806
Android (android.graphics.Color)	4294037503 (0xFFFF1CFFF)
YUV	222.6380, 15.9545, 16.1035
Hunter-Lab	83.9919, 15.8867, -14.7502

Details

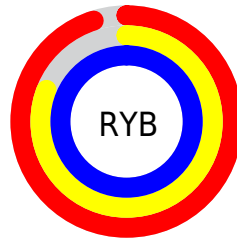
The XYZ color **76.6385, 70.5464, 104.1853** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.8429, 91.3979, 72.6263**, and the grayscale version is **69.7723, 73.4059, 79.9390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5919, 37.1740, 58.4092** is the 20% darker color. If you saturate the color by 10%, you get **68.4658, 57.8925, 102.1736**, and if you desaturate by 10%, it is **85.9164, 85.2549, 106.5353**.

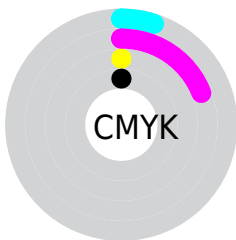
Distribution



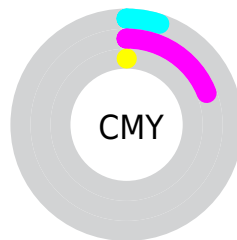
- Red (95%)
- Green (81%)
- Blue (100%)



- Red (95%)
- Yellow (81%)
- Blue (100%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6385, 70.5464, 104.1853 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 76.6385, 70.5464, 104.1853 by changing the saturation by 10% instead.

76.6385, 70.5464,
104.1853

76.6385, 70.5464,
104.1853

472.4415,
462.4662, 594.8903

57.2551, 51.9721,
79.1641

127.6046,
119.9876, 168.9988

41.4510, 36.9828,
58.5087

159.9181,
151.6234, 209.6282

28.8609, 25.1942,
41.8003

197.2722,
188.3817, 256.2975

19.1194, 16.2218,
28.6206

240.0325,
230.6470, 309.4251

11.8611, 9.6812,
18.5509

288.5642,
278.8037, 369.4297

6.7207, 5.1881,
11.1727

343.2327,

3.3328, 2.3581,

333.2362, 436.7297

6.0675

404.4033,
394.3289, 511.7437

■ 1.3321, 0.8042,
2.8167

■ 0.2071, 0.0000,
1.0018

■ 76.6385, 70.5464,
104.1853

■ 76.6385, 70.5464,
104.1853

■ 68.4658, 57.8925,
102.1736

■ 85.9164, 85.2549,
106.5353

■ 61.3435, 47.1881,
100.4828

95.0500, 100.0000,
108.9000

■ 55.2204, 38.3321,
99.0961

■ 50.0387, 31.2106,
97.9946

■ 45.7341, 25.6965,
97.1572

■ 42.2331, 21.6455,
96.5598

■ 39.4492, 18.8861,
96.1739

■ 37.2572, 17.1701,
95.9582

■ 37.0190, 16.9989,
95.9377

Harmonies

Analogous

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



70.7509, 70.5464, 116.6856



76.6385, 70.5464, 104.1853



80.0491, 70.5464, 85.3308

Triad

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



76.6385, 70.5464, 104.1853



69.9639, 70.5464, 46.8262



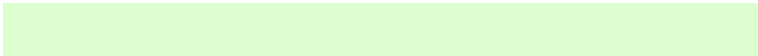
55.7246, 70.5464, 87.6936

Complementary

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



76.6385, 70.5464, 104.1853



76.8429, 91.3979, 72.6263

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.



55.5443, 70.5464, 68.8818



76.6385, 70.5464, 104.1853



63.4847, 70.5464, 47.2479

Square

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



76.6385, 70.5464, 104.1853



76.0302, 70.5464, 53.4468



58.3007, 70.5464, 54.7114



58.8104, 70.5464, 106.1555

Rectangle

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



76.6385, 70.5464, 104.1853



80.3238, 70.5464, 72.6299



58.3007, 70.5464, 54.7114



55.3295, 70.5464, 81.1538

Sweetspot

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



76.6404, 70.5493, 104.1857



88.7392, 89.7872, 107.2613



69.7468, 72.4125, 104.9087



18.8522, 18.9903, 22.9218



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.



76.6404, 70.5493, 104.1857



73.0934, 65.0168, 103.3048



80.0968, 72.5053, 96.4809



18.2463, 18.0187, 22.7662



19.4992, 8.9627, 50.1368



2.0074, 0.9288, 4.8867

Inverse Universe

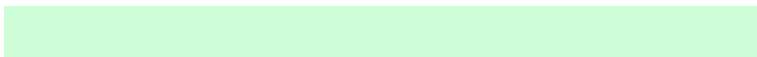
The Inverse Universe completely reimagines the original color for something new.



76.6056, 71.1088, 78.0966



73.1271, 65.7252, 72.0864



73.9665, 89.7753, 78.8060



18.2273, 18.0742, 19.8139



22.2572, 11.3922, 4.7389



2.2122, 1.1273, 0.6990

Previews

White Background



This preview shows how the XYZ color 76.6385, 70.5464, 104.1853 looks on a white background.

Color Contrast Check

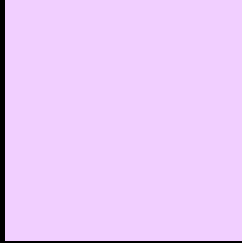
Large Text (above 18pt) WCAG AA × Fail

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 76.6385, 70.5464, 104.1853 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 76.6385, 70.5464, 104.1853

Background



This preview shows how black text looks on a background with the XYZ color 76.6385, 70.5464, 104.1853.

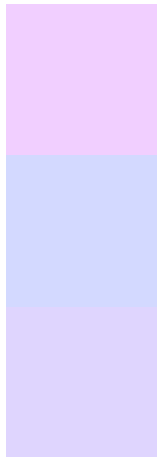


This preview shows how white text looks on a background with the XYZ color 76.6385, 70.5464,

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

76.6385, 70.5464, 104.1853

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.1151, 70.4322, 103.5598



Tritanopia

72.4721, 70.6929, 83.2242

Trichromacy



Original Color

76.6385, 70.5464, 104.1853

Protanomaly

71.9685, 70.3381, 104.3912

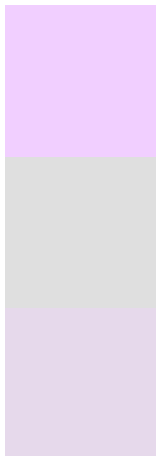
Deuteranomaly

73.8168, 70.5673, 103.4962

Tritanomaly

73.7391, 70.4434, 90.5994

Monochromacy



Original Color

76.6385, 70.5464, 104.1853

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4414, 72.4469, 88.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6385, 70.5464, 104.1853 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(241, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 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(241, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.6385, 70.5464, 104.1853 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(241, 207, 255) }
```


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

```
.border{ border-color:rgb(241, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6385, 70.5464, 104.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 255) }
```

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

```
.background{ background-color: rgb(241,  
207, 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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