

Converting Colors

XYZ(89.2713, 79.1304,
101.5694)

Have a look what the booklet for
XYZ(89.2713, 79.1304, 101.5694)
contains.

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Color

**XYZ(82.1961, 75.3120,
101.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4FB
RGB	255, 212, 251
RGB Percent	100%, 83%, 98%
CMY	0.0000, 0.1686, 0.0157
CMYK	0.00, 0.17, 0.02, 0.00
HSL	306°, 100%, 92%
HSV	306°, 17%, 100%
XYZ	82.1961, 75.3120, 101.4713
YIQ	229.3030, 13.1090, 21.2450

Conversions

Conversions Part 2

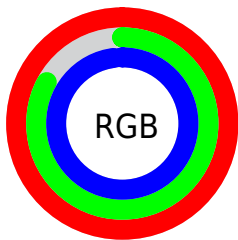
Format	Color
R_{YB}	255, 212, 251
Decimal	16766203
CIE _{Lab}	89.54, 21.46, -13.39
CIE _{LCh}	90, 25.293, 328.032
Yxy	75.3120, 0.3174, 0.2908
Android (android.graphics.Color)	4294956283 (0xFFFFD4FB)
YUV	229.3030, 10.6966, 22.5363
Hunter-Lab	86.7825, 17.1971, -8.5777

Details

The XYZ color **82.1961, 75.3120, 101.4713** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3083, 90.4760, 78.4632**, and the grayscale version is **74.6177, 78.5036, 85.4905**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0833, 40.0148, 56.3864** is the 20% darker color. If you saturate the color by 10%, you get **75.9468, 63.4078, 97.5562**, and if you desaturate by 10%, it is **89.4599, 89.2373, 105.7498**.

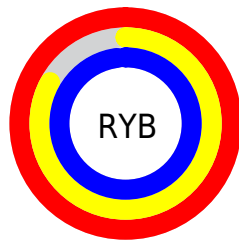
Distribution



Red (100%)

Green (83%)

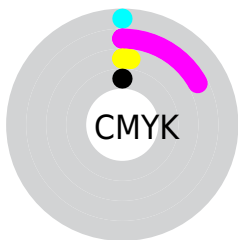
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

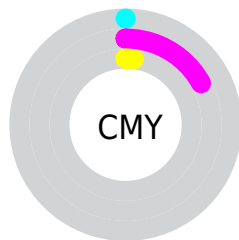


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1961, 75.3120, 101.4713 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 82.1961, 75.3120, 101.4713 by changing the saturation by 10% instead.


 82.1961, 75.3120,
101.4713

 82.1961, 75.3120,
101.4713


490.9280,
478.9893, 586.1865

 61.8418, 55.8685,
76.9061


135.3834,
126.7539, 165.2471

 45.1600, 40.0975,
56.6647

168.9471,
159.5211, 205.2948

 31.7853, 27.6146,
40.3286


207.6446,
197.4984, 251.3404

 21.3523, 18.0353,
27.4791

251.8414,
241.0701, 303.8026

 13.4957, 10.9754,
17.6977

301.9028,
290.6207, 363.0997

 7.8501, 6.0503,
10.5660

358.1941,

 4.0502, 2.8757,

346.5345, 429.6503

5.6653

421.0807,
409.1959, 503.8731

■ 1.7306, 1.0672,
2.5772

■ 0.4753, 0.0000,
0.8806

■ 82.1961, 75.3120,
101.4713

■ 82.1961, 75.3120,
101.4713

■ 75.9468, 63.4078,
97.5562

■ 89.4599, 89.2373,
105.7498

■ 70.6601, 53.4214,
93.9839

95.0500, 100.0000,
108.9000

■ 66.2866, 45.2542,
90.7390

■ 62.7708, 38.7948,
87.8028

■ 60.0509, 33.9199,
85.1547

■ 58.0570, 30.4896,
82.7713

■ 56.7069, 28.3395,
80.6250

■ 55.8965, 27.2616,
78.6813

■ 55.7040, 27.0456,
78.0963

Harmonies

Analogous

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



77.3409, 75.3120, 116.0399



82.1961, 75.3120, 101.4713



84.1899, 75.3120, 83.1820

Triad

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



82.1961, 75.3120, 101.4713



71.9926, 75.3120, 52.3551



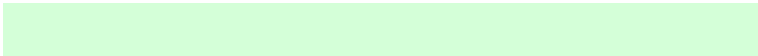
61.5515, 75.3120, 99.1448

Complementary

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



82.1961, 75.3120, 101.4713



75.3083, 90.4760, 78.4632

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.



60.2998, 75.3120, 80.8332



82.1961, 75.3120, 101.4713



66.1159, 75.3120, 55.3706

Square

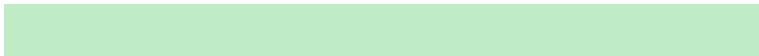
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1961, 75.3120, 101.4713



78.0912, 75.3120, 56.2794



61.9230, 75.3120, 65.1973



65.4446, 75.3120, 114.5659

Rectangle

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



82.1961, 75.3120, 101.4713



83.5460, 75.3120, 71.8661



61.9230, 75.3120, 65.1973



60.8181, 75.3120, 93.0487

Sweetspot

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



82.1977, 75.3150, 101.4729



90.9262, 92.0570, 106.5865



69.7924, 68.8462, 104.2179



19.3425, 19.4742, 22.7459



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.



82.1977, 75.3150, 101.4729



80.1285, 71.3640, 100.2052



79.0566, 74.0585, 84.9320



18.7155, 18.2695, 22.3851



29.1365, 14.1439, 40.9649



2.8573, 1.3853, 4.0959

Inverse Universe

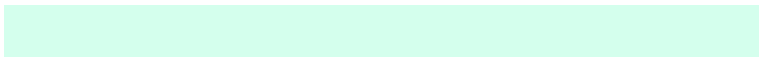
The Inverse Universe completely reimagines the original color for something new.



82.1977, 75.3150, 101.4729



80.1285, 71.3640, 100.2052



78.2116, 91.6373, 93.7520



18.7155, 18.2695, 22.3851



29.1365, 14.1439, 40.9649



2.8573, 1.3853, 4.0959

Previews

White Background



This preview shows how the XYZ color 82.1961, 75.3120, 101.4713 looks on a white background.

Color Contrast Check

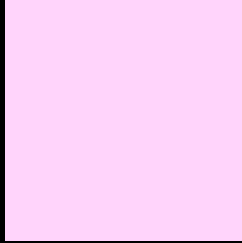
Large Text (above 18pt) WCAG AA × Fail

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 82.1961, 75.3120, 101.4713 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 82.1961, 75.3120, 101.4713

Background



This preview shows how black text looks on a background with the XYZ color 82.1961, 75.3120, 101.4713.



This preview shows how white text looks on a background with the XYZ color 82.1961, 75.3120,

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

82.1961, 75.3120, 101.4713

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

77.1789, 75.3980, 100.9280



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

82.1961, 75.3120, 101.4713

Protanomaly

77.0869, 75.6658, 104.3080

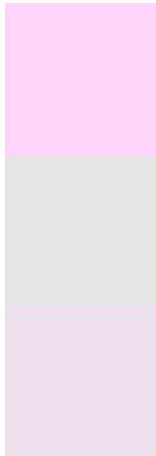
Deuteranomaly

78.7733, 75.0685, 100.7804

Tritanomaly

80.1346, 75.2078, 91.9544

Monochromacy



Original Color

82.1961, 75.3120, 101.4713

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.9336, 77.0669, 90.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1961, 75.3120, 101.4713 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(255, 212, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 251)  
}
```

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(255, 212, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.1961, 75.3120, 101.4713 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(255, 212, 251) }
```


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

```
.border{ border-color:rgb(255, 212, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1961, 75.3120, 101.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 251) }
```

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

```
.background{ background-color: rgb(255,  
212, 251) }
```

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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