

Converting Colors

XYZ(82.3938, 76.1623,
104.9659)

Have a look what the booklet for
XYZ(82.3938, 76.1623, 104.9659)
contains.

XYZ(82.2415, 76.0086, 104.9443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.2415, 76.0086,
104.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD6FF
RGB	252, 214, 255
RGB Percent	99%, 84%, 100%
CMY	0.0118, 0.1608, 0.0000
CMYK	0.01, 0.16, 0.00, 0.00
HSL	296°, 100%, 92%
HSV	296°, 16%, 100%
XYZ	82.2415, 76.0086, 104.9443
YIQ	230.0360, 9.4870, 20.8070

Conversions

Conversions Part 2

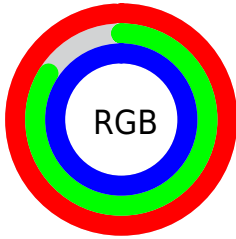
Format	Color
R _Y B	252, 214, 255
Decimal	16570111
CIE Lab	89.86, 20.15, -15.04
CIE LCh	90, 25.139, 323.265
Yxy	76.0086, 0.3125, 0.2888
Android (android.graphics.Color)	4294760191 (0xFFFC6FF)
YUV	230.0360, 12.3073, 19.2624
Hunter-Lab	87.1829, 15.8128, -10.3409

Details

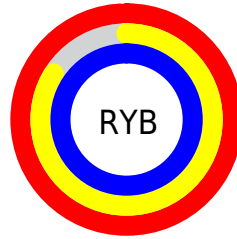
The XYZ color **82.2415, 76.0086, 104.9443** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.5147, 91.1276, 77.1788**, and the grayscale version is **75.1492, 79.0628, 86.0994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0969, 40.4756, 58.8618** is the 20% darker color. If you saturate the color by 10%, you get **75.6149, 63.7522, 102.9278**, and if you desaturate by 10%, it is **89.8891, 90.2952, 107.2988**.

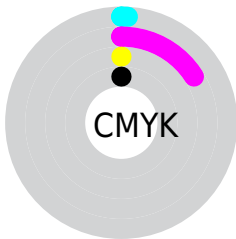
Distribution



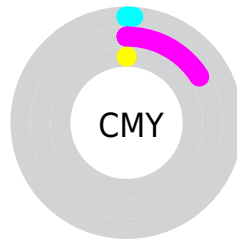
- Red (99%)
- Green (84%)
- Blue (100%)



- Red (99%)
- Yellow (84%)
- Blue (100%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2415, 76.0086, 104.9443 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 82.2415, 76.0086, 104.9443 by changing the saturation by 10% instead.


 82.2415, 76.0086,
104.9443

 82.2415, 76.0086,
104.9443


491.0774,
481.3771, 597.3124

 61.8794, 56.4396,
79.7963


135.4467,
127.7391, 170.0463

 45.1905, 40.5555,
59.0256


169.0205,
160.6693, 210.8373

 31.8094, 27.9719,
42.2135


207.7289,
198.8220, 257.6798

 21.3708, 18.3045,
28.9417

251.9372,
242.5816, 310.9922

 13.5093, 11.1688,
18.7915

302.0109,
292.3326, 371.1932

 7.8596, 6.1805,
11.3445

358.3152,

 4.0563, 2.9551,

348.4592, 438.7011

6.1819

421.2156,
411.3459, 513.9347

■ 1.7340, 1.1084,
2.8855

■ 0.4774, 0.0000,
1.0364

■ 82.2415, 76.0086,
104.9443

■ 82.2415, 76.0086,
104.9443

■ 75.6149, 63.7522,
102.9278

■ 89.8891, 90.2952,
107.2988

■ 69.9561, 53.4226,
101.2322

95.0500, 100.0000,
108.9000

■ 65.2167, 44.9219,
99.8412

■ 61.3414, 38.1398,
98.7364

■ 58.2691, 32.9539,
97.8974

■ 55.9306, 29.2258,
97.3010

■ 54.2448, 26.7936,
96.9204

■ 53.1111, 25.4559,
96.7220

■ 52.7585, 25.1129,
96.6743

Harmonies

Analogous

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



77.0634, 76.0086, 118.3179



82.2415, 76.0086, 104.9443



84.7621, 76.0086, 86.8358

Triad

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



82.2415, 76.0086, 104.9443



73.6532, 76.0086, 53.2341



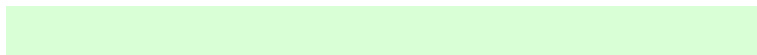
61.8205, 76.0086, 97.0153

Complementary

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



82.2415, 76.0086, 104.9443



76.5147, 91.1276, 77.1788

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.



61.0231, 76.0086, 78.8146



82.2415, 76.0086, 104.9443



67.6296, 76.0086, 55.1528

Square

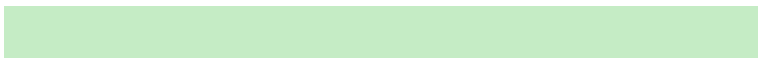
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



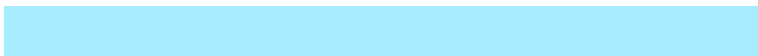
82.2415, 76.0086, 104.9443



79.6233, 76.0086, 58.2694



63.0912, 76.0086, 63.9463



65.3351, 76.0086, 113.3012

Rectangle

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



82.2415, 76.0086, 104.9443



84.4997, 76.0086, 75.1594



63.0912, 76.0086, 63.9463



61.2344, 76.0086, 90.8574

Sweetspot

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



82.2436, 76.0118, 104.9448



90.7744, 91.9568, 107.5728



70.7049, 71.3605, 104.6551



19.3054, 19.4497, 22.9866



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.



82.2436, 76.0118, 104.9448



80.2023, 72.2220, 104.3209



80.7087, 75.5243, 91.1504



18.6538, 18.2288, 22.7853



27.6229, 13.1506, 50.5170



2.7271, 1.2998, 4.9204

Inverse Universe

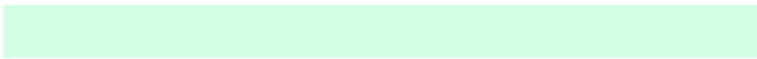
The Inverse Universe completely reimagines the original color for something new.



77.8129, 74.3660, 75.9011



75.0885, 70.3257, 70.6504



77.9293, 91.5914, 89.2371



18.0633, 18.0086, 18.9503



21.6280, 11.1405, 1.4254



2.1237, 1.0918, 0.2327

Previews

White Background



This preview shows how the XYZ color 82.2415, 76.0086, 104.9443 looks on a white background.

Color Contrast Check

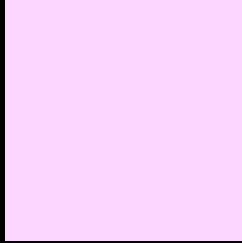
Large Text (above 18pt) WCAG AA × Fail

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 82.2415, 76.0086, 104.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

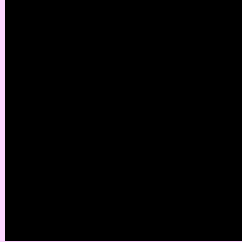
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2415, 76.0086, 104.9443

Background



This preview shows how black text looks on a background with the XYZ color 82.2415, 76.0086, 104.9443.



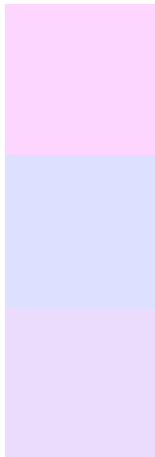
This preview shows how white text looks on a background with the XYZ color 82.2415, 76.0086,

104.9443.

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

82.2415, 76.0086, 104.9443

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

77.7435, 76.0043, 104.3387



Tritanopia

79.1337, 76.2807, 89.1501

Trichromacy



Original Color

82.2415, 76.0086, 104.9443

Protanomaly

77.1852, 76.0887, 105.2262

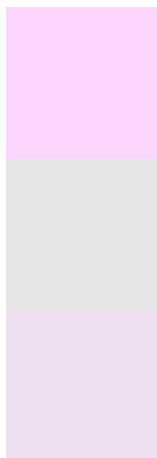
Deuteranomaly

79.2364, 75.9993, 104.2591

Tritanomaly

80.2642, 76.3605, 94.5131

Monochromacy



Original Color

82.2415, 76.0086, 104.9443

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.4955, 77.7204, 92.5784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2415, 76.0086, 104.9443 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(252, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 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(252, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.2415, 76.0086, 104.9443 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(252, 214, 255) }
```


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

```
.border{ border-color:rgb(252, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2415, 76.0086, 104.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 255) }
```

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

```
.background{ background-color: rgb(252,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor