

Converting Colors

XYZ(103.3235, 87.6183,
95.1792)

Have a look what the booklet for
XYZ(103.3235, 87.6183, 95.1792)
contains.

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Color

**XYZ(81.5675, 76.2717,
94.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7F2
RGB	255, 215, 242
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1568, 0.0510
CMYK	0.00, 0.16, 0.05, 0.00
HSL	320°, 100%, 92%
HSV	320°, 16%, 100%
XYZ	81.5675, 76.2717, 94.4272
YIQ	230.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

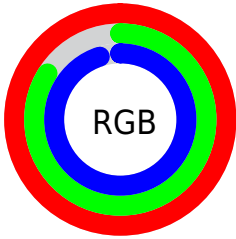
Format	Color
R _Y B	255, 215, 242
Decimal	16766962
CIE Lab	89.99, 18.32, -7.99
CIE LCh	90, 19.983, 336.425
Yxy	76.2717, 0.3233, 0.3023
Android (android.graphics.Color)	4294957042 (0xFFFFD7F2)
YUV	230.0380, 5.8973, 21.8917
Hunter-Lab	87.3337, 13.8807, -2.9722

Details

The XYZ color **81.5675, 76.2717, 94.4272** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7903, 91.5697, 86.9768**, and the grayscale version is **75.1934, 79.1093, 86.1500**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7224, 40.6925, 51.9517** is the 20% darker color. If you saturate the color by 10%, you get **74.3568, 63.7973, 86.0213**, and if you desaturate by 10%, it is **89.8499, 90.7987, 103.4707**.

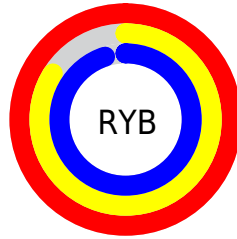
Distribution



Red (100%)

Green (84%)

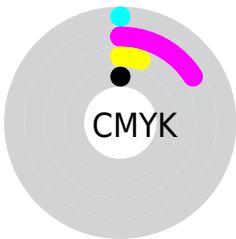
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

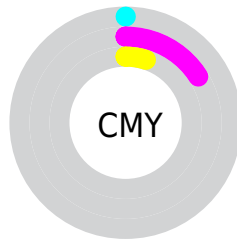


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5675, 76.2717, 94.4272 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 81.5675, 76.2717, 94.4272 by changing the saturation by 10% instead.


 81.5675, 76.2717,
94.4272

 81.5675, 76.2717,
94.4272


488.8563,
482.2773, 563.2670

 61.3220, 56.6553,
71.0641


134.5063,
128.1109, 155.4618

 44.7386, 40.7286,
51.9123


167.9303,
161.1025, 193.9703

 31.4520, 28.1071,
36.5534


206.4779,
199.3213, 238.3644

 21.0968, 18.4064,
24.5689

250.5143,
243.1517, 289.0626

 13.3076, 11.2421,
15.5400

300.4051,
292.9781, 346.4834

 7.7192, 6.2299,
9.0485

356.5154,

 3.9661, 2.9854,

349.1849, 411.0454

4.6756

419.2107,
412.1565, 483.1671

■ 1.6830, 1.1241,
2.0028

■ 0.4456, 0.0000,
0.5570

■ 81.5675, 76.2717,
94.4272

■ 81.5675, 76.2717,
94.4272

■ 74.3568, 63.7973,
86.0213

■ 89.8499, 90.7987,
103.4707

■ 68.1653, 53.2725,
78.2289

95.0500, 100.0000,
108.9000

■ 62.9435, 44.5994,
71.0307

■ 58.6358, 37.6676,
64.4043

■ 55.1805, 32.3551,
58.3254

■ 52.5078, 28.5238,
52.7668

■ 50.5366, 26.0127,
47.6973

■ 49.1664, 24.6221,
43.0792

■ 48.6981, 24.2432,
41.2036

Harmonies

Analogous

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



78.2907, 76.2717, 106.9551



81.5675, 76.2717, 94.4272



82.3644, 76.2717, 80.0352

Triad

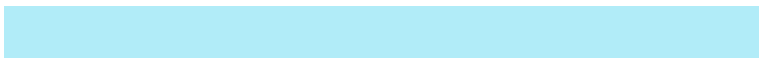
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5675, 76.2717, 94.4272



71.4346, 76.2717, 58.8083



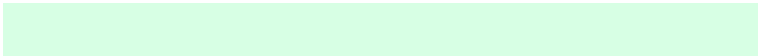
65.1055, 76.2717, 100.2976

Complementary

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



81.5675, 76.2717, 94.4272



77.7903, 91.5697, 86.9768

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.



63.4454, 76.2717, 86.1332



81.5675, 76.2717, 94.4272



66.9907, 76.2717, 62.9968

Square

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



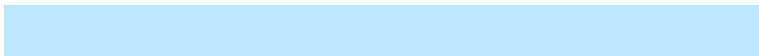
81.5675, 76.2717, 94.4272



76.3657, 76.2717, 60.4948



64.1196, 76.2717, 72.6198



68.7553, 76.2717, 110.6048

Rectangle

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



81.5675, 76.2717, 94.4272



81.3514, 76.2717, 71.5025



64.1196, 76.2717, 72.6198



64.3040, 76.2717, 95.7715

Sweetspot

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



81.5692, 76.2748, 94.4288



90.4565, 91.8691, 104.1128



74.2425, 72.2640, 104.6431



19.2280, 19.4284, 22.1432



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.



81.5692, 76.2748, 94.4288



79.0614, 71.9149, 91.5715



78.7721, 75.1559, 79.6999



18.5268, 18.1940, 21.3913



25.5173, 12.6962, 21.9063



2.5347, 1.2563, 2.3973

Inverse Universe

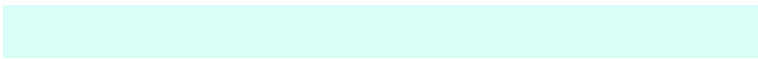
The Inverse Universe completely reimagines the original color for something new.



81.5692, 76.2748, 94.4288



79.0614, 71.9149, 91.5715



80.6778, 92.7247, 102.1824



18.5268, 18.1940, 21.3913



25.5173, 12.6962, 21.9063



2.5347, 1.2563, 2.3973

Previews

White Background



This preview shows how the XYZ color 81.5675, 76.2717, 94.4272 looks on a white background.

Color Contrast Check

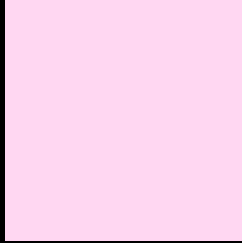
Large Text (above 18pt) WCAG AA × Fail

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 81.5675, 76.2717, 94.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

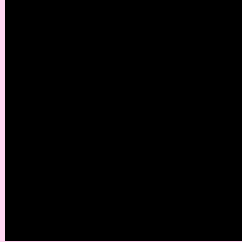
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5675, 76.2717, 94.4272

Background



This preview shows how black text looks on a background with the XYZ color 81.5675, 76.2717, 94.4272.



This preview shows how white text looks on a background with the XYZ color 81.5675, 76.2717,

94.4272.

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

81.5675, 76.2717, 94.4272

Protanopia

74.6090, 76.4750, 99.6358

Deuteranopia

78.0883, 76.4145, 93.8529



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

81.5675, 76.2717, 94.4272

Protanomaly

76.7520, 76.0289, 97.8186

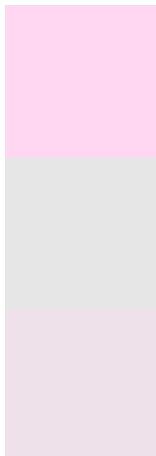
Deuteranomaly

79.3064, 76.2678, 93.7604

Tritanomaly

80.5692, 76.2387, 89.8260

Monochromacy



Original Color

81.5675, 76.2717, 94.4272

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.3731, 78.1417, 88.8468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5675, 76.2717, 94.4272 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, 215, 242) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 242)  
}
```

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, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.5675, 76.2717, 94.4272 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, 215, 242) }
```


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

```
.border{ border-color:rgb(255, 215, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5675, 76.2717, 94.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 242) }
```

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

```
.background{ background-color: rgb(255,  
215, 242) }
```

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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