

Converting Colors

XYZ(81.7373, 75.5479, 97.7628)

Have a look what the booklet for
XYZ(81.7373, 75.5479, 97.7628)
contains.

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Color

**XYZ(81.6688, 75.5023,
97.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F6
RGB	255, 213, 246
RGB Percent	100%, 84%, 96%
CMY	0.0000, 0.1647, 0.0353
CMYK	0.00, 0.16, 0.04, 0.00
HSL	313°, 100%, 92%
HSV	313°, 16%, 100%
XYZ	81.6688, 75.5023, 97.4578
YIQ	229.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

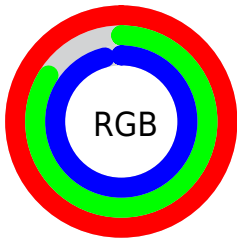
Format	Color
R _Y B	255, 213, 246
Decimal	16766454
CIE Lab	89.63, 20.05, -10.63
CIE LCh	90, 22.695, 332.078
Yxy	75.5023, 0.3207, 0.2965
Android (android.graphics.Color)	4294956534 (0xFFFFD5F6)
YUV	229.3200, 8.2232, 22.5214
Hunter-Lab	86.8921, 15.7089, -5.6750

Details

The XYZ color **81.6688, 75.5023, 97.4578** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.3877, 90.9412, 82.6377**, and the grayscale version is **74.6472, 78.5346, 85.5242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8098, 40.1772, 54.1084** is the 20% darker color. If you saturate the color by 10%, you get **74.9259, 63.3389, 91.1337**, and if you desaturate by 10%, it is **89.4481, 89.6985, 104.2512**.

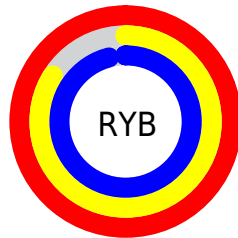
Distribution



Red (100%)

Green (84%)

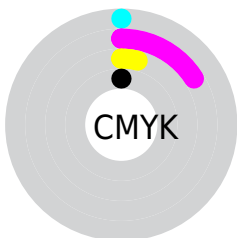
Blue (96%)



Red (100%)

Yellow (84%)

Blue (96%)

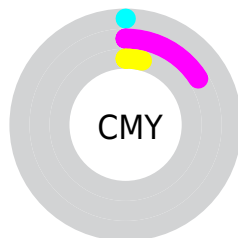


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6688, 75.5023, 97.4578 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 81.6688, 75.5023, 97.4578 by changing the saturation by 10% instead.


 81.6688, 75.5023,
97.4578

 81.6688, 75.5023,
97.4578

489.1905,
479.6423, 573.1879

 61.4057, 56.0245,
73.5741


134.6477,
127.0231, 159.6805

 44.8065, 40.2226,
53.9509


168.0943,
159.8350, 198.8566

 31.5057, 27.7121,
38.1695


206.6660,
197.8602, 243.9672

 21.1379, 18.1088,
25.8114

250.7284,
241.4833, 295.4310

 13.3379, 11.0281,
16.4581

300.6466,
291.0887, 353.6664

 7.7402, 6.0857,
9.6910

356.7861,

 3.9796, 2.8973,

347.0607, 419.0920

5.0917

419.5123,
409.7838, 492.1263

■ 1.6906, 1.0783,
2.2415

■ 0.4504, 0.0000,
0.6982

■ 81.6688, 75.5023,
97.4578

■ 81.6688, 75.5023,
97.4578

■ 74.9259, 63.3389,
91.1337

■ 89.4481, 89.6985,
104.2512

■ 69.1673, 53.1051,
85.2574

95.0500, 100.0000,
108.9000

■ 64.3436, 44.7023,
79.8124

■ 60.3992, 38.0198,
74.7791

■ 57.2726, 32.9346,
70.1359

■ 54.8939, 29.3074,
65.8585

■ 53.1813, 26.9751,
61.9184

■ 52.0325, 25.7334,
58.2806

■ 51.7072, 25.4469,
57.0497

Harmonies

Analogous

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



77.6141, 75.5023, 111.0985



81.6688, 75.5023, 97.4578



83.0305, 75.5023, 81.1000

Triad

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



81.6688, 75.5023, 97.4578



71.3743, 75.5023, 55.1609



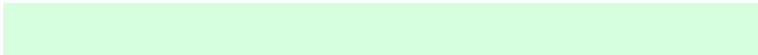
63.0480, 75.5023, 99.6355

Complementary

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



81.6688, 75.5023, 97.4578



76.3877, 90.9412, 82.6377

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.



61.5634, 75.5023, 83.3284



81.6688, 75.5023, 97.4578



66.2130, 75.5023, 58.8198

Square

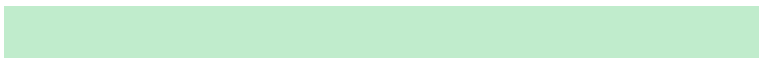
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6688, 75.5023, 97.4578



76.9063, 75.5023, 57.9330



62.6918, 75.5023, 68.6403



66.8537, 75.5023, 112.4660

Rectangle

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



81.6688, 75.5023, 97.4578



82.1739, 75.5023, 71.1898



62.6918, 75.5023, 68.6403



62.2702, 75.5023, 94.3107

Sweetspot

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



81.6705, 75.5053, 97.4594



90.6798, 91.9585, 105.2886



71.7879, 70.2472, 104.3832



19.2824, 19.4502, 22.4295



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.



81.6705, 75.5053, 97.4594



79.1729, 70.9817, 95.1730



78.7089, 74.3207, 81.8639



18.6162, 18.2298, 21.8619



27.0755, 13.3195, 30.1116



2.6758, 1.3127, 3.1401

Inverse Universe

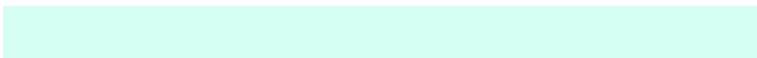
The Inverse Universe completely reimagines the original color for something new.



81.6705, 75.5053, 97.4594



79.1729, 70.9817, 95.1730



79.2897, 92.1020, 97.9196



18.6162, 18.2298, 21.8619



27.0755, 13.3195, 30.1116



2.6758, 1.3127, 3.1401

Previews

White Background



This preview shows how the XYZ color 81.6688, 75.5023, 97.4578 looks on a white background.

Color Contrast Check

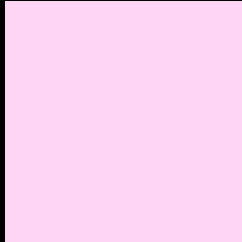
Large Text (above 18pt) WCAG AA × Fail

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 81.6688, 75.5023, 97.4578 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 81.6688, 75.5023, 97.4578

Background



This preview shows how black text looks on a background with the XYZ color 81.6688, 75.5023, 97.4578.



This preview shows how white text looks on a background with the XYZ color 81.6688, 75.5023,

97.4578.

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

81.6688, 75.5023, 97.4578

Protanopia

74.2041, 75.7753, 103.6436

Deuteranopia

77.4096, 75.6063, 96.8998



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

81.6688, 75.5023, 97.4578

Protanomaly

76.4528, 75.4122, 100.9690

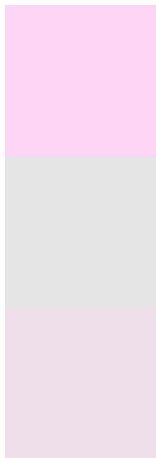
Deuteranomaly

78.9505, 75.6308, 96.8233

Tritanomaly

80.2057, 75.2784, 90.4237

Monochromacy



Original Color

81.6688, 75.5023, 97.4578

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.6430, 76.9507, 89.4107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6688, 75.5023, 97.4578 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, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 246)  
}
```

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, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.6688, 75.5023, 97.4578 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, 213, 246) }
```


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

```
.border{ border-color:rgb(255, 213, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6688, 75.5023, 97.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 246) }
```

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

```
.background{ background-color: rgb(255,  
213, 246) }
```

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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