

Converting Colors

XYZ(81.6484, 73.1914,
113.4901)

Have a look what the booklet for
XYZ(81.6484, 73.1914, 113.4901)
contains.

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Color

**XYZ(80.0302, 72.6557,
104.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD0FF
RGB	250, 208, 255
RGB Percent	98%, 82%, 100%
CMY	0.0196, 0.1843, 0.0000
CMYK	0.02, 0.18, 0.00, 0.00
HSL	294°, 100%, 91%
HSV	294°, 18%, 100%
XYZ	80.0302, 72.6557, 104.4137
YIQ	225.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

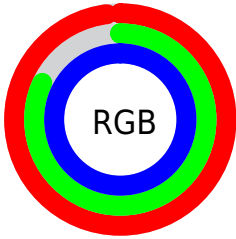
Format	Color
R _Y B	250, 208, 255
Decimal	16437503
CIE Lab	88.28, 22.65, -17.43
CIE LCh	88, 28.576, 322.423
Yxy	72.6557, 0.3113, 0.2826
Android (android.graphics.Color)	4294627583 (0xFFFAD0FF)
YUV	225.9160, 14.3384, 21.1217
Hunter-Lab	85.2383, 18.4265, -12.9612

Details

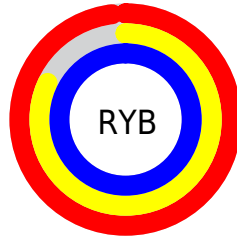
The XYZ color **80.0302, 72.6557, 104.4137** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5875, 90.2210, 73.1613**, and the grayscale version is **72.1244, 75.8805, 82.6339**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5766, 38.1971, 58.5021** is the 20% darker color. If you saturate the color by 10%, you get **73.3417, 60.7102, 102.4605**, and if you desaturate by 10%, it is **87.7361, 86.6134, 106.7016**.

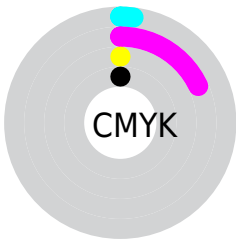
Distribution



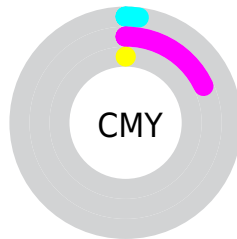
- Red (98%)
- Green (82%)
- Blue (100%)



- Red (98%)
- Yellow (82%)
- Blue (100%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0302, 72.6557, 104.4137 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 80.0302, 72.6557, 104.4137 by changing the saturation by 10% instead.


 80.0302, 72.6557,
104.4137

 80.0302, 72.6557,
104.4137


483.7696,
469.8207, 595.6197

 60.0518, 53.6945,
79.3543

132.3585,
122.9883, 169.3141

 43.7100, 38.3575,
58.6642


165.4391,
155.1285, 209.9922

 30.6395, 26.2602,
41.9246


203.6177,
192.4304, 256.7136

 20.4750, 17.0184,
28.7171

247.2598,
235.2786, 309.8970

 12.8510, 10.2476,
18.6232

296.7306,
284.0573, 369.9607

 7.4023, 5.5635,
11.2243

352.3957,

 3.7635, 2.5815,

339.1509, 437.3234

6.1018

414.6202,
400.9439, 512.4035

■ 1.5692, 0.9174,
2.8373

■ 0.3722, 0.0000,
1.0122

■ 80.0302, 72.6557,
104.4137

■ 80.0302, 72.6557,
104.4137

■ 73.3417, 60.7102,
102.4605

■ 87.7361, 86.6134,
106.7016

■ 67.6168, 50.6724,
100.8247

95.0500, 100.0000,
108.9000

■ 62.8061, 42.4422,
99.4897

■ 58.8530, 35.9066,
98.4365

■ 55.6945, 30.9401,
97.6443

■ 53.2592, 27.3995,
97.0893

■ 51.4623, 25.1154,
96.7431

■ 50.1851, 23.8508,
96.5664

■ 50.0064, 23.6941,
96.5455

Harmonies

Analogous

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



74.2039, 72.6557, 119.3515



80.0302, 72.6557, 104.4137



82.9529, 72.6557, 84.1881

Triad

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



80.0302, 72.6557, 104.4137



70.8082, 72.6557, 47.3004



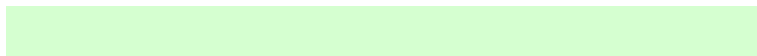
57.5836, 72.6557, 94.3880

Complementary

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



80.0302, 72.6557, 104.4137



74.5875, 90.2210, 73.1613

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.



56.8068, 72.6557, 74.2398



80.0302, 72.6557, 104.4137



64.1539, 72.6557, 49.1135

Square

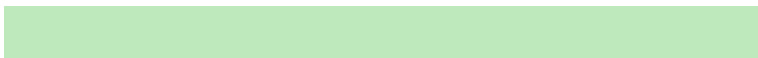
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0302, 72.6557, 104.4137



77.4043, 72.6557, 52.8225



59.1358, 72.6557, 58.2646



61.3326, 72.6557, 112.9281

Rectangle

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



80.0302, 72.6557, 104.4137



82.7345, 72.6557, 71.2691



59.1358, 72.6557, 58.2646



56.9767, 72.6557, 87.5053

Sweetspot

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



80.0322, 72.6588, 104.4141



89.7657, 90.3164, 107.3094



67.9812, 68.4652, 104.2398



19.0954, 19.1157, 22.9332



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.



80.0322, 72.6588, 104.4141



77.5292, 68.1667, 103.6790



79.0812, 72.4880, 89.9332



18.5911, 18.1965, 22.7824



26.2063, 12.4203, 50.4507



2.6039, 1.2363, 4.9147

Inverse Universe

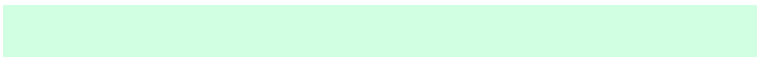
The Inverse Universe completely reimagines the original color for something new.



75.8079, 71.1787, 72.6967



72.6438, 66.4622, 66.6730



75.5042, 90.4228, 85.4398



18.0879, 18.0185, 19.0799



21.6781, 11.1605, 1.6895



2.1353, 1.0965, 0.2938

Previews

White Background



This preview shows how the XYZ color 80.0302, 72.6557, 104.4137 looks on a white background.

Color Contrast Check

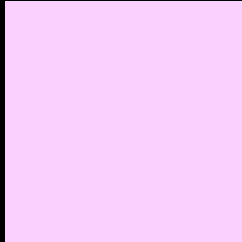
Large Text (above 18pt) WCAG AA × Fail

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 80.0302, 72.6557, 104.4137 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 80.0302, 72.6557, 104.4137

Background



This preview shows how black text looks on a background with the XYZ color 80.0302, 72.6557, 104.4137.



This preview shows how white text looks on a background with the XYZ color 80.0302, 72.6557,

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

80.0302, 72.6557, 104.4137

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.2804, 72.6976, 103.0455



Tritanopia

75.9431, 72.8385, 84.1853

Trichromacy



Original Color

80.0302, 72.6557, 104.4137

Protanomaly

74.6008, 72.8257, 104.7326

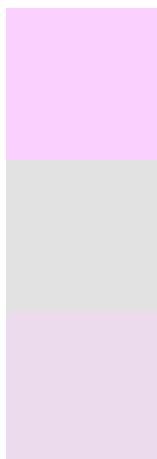
Deuteranomaly

76.2757, 72.5771, 103.7546

Tritanomaly

77.0847, 72.5357, 90.8269

Monochromacy



Original Color

80.0302, 72.6557, 104.4137

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.8785, 74.4396, 90.5425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0302, 72.6557, 104.4137 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(250, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 208, 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(250, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.0302, 72.6557, 104.4137 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(250, 208, 255) }
```


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

```
.border{ border-color:rgb(250, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0302, 72.6557, 104.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 208, 255) }
```

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

```
.background{ background-color: rgb(250,  
208, 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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