

Converting Colors

XYZ(109.3902, 79.2617,
289.8414)

Have a look what the booklet for
XYZ(109.3902, 79.2617, 289.8414)
contains.

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Color

**XYZ(73.8407, 64.9510,
103.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C3FF
RGB	241, 195, 255
RGB Percent	95%, 76%, 100%
CMY	0.0549, 0.2353, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	286°, 100%, 88%
HSV	286°, 24%, 100%
XYZ	73.8407, 64.9510, 103.2527
YIQ	215.5940, 8.1560, 28.4120

Conversions

Conversions Part 2

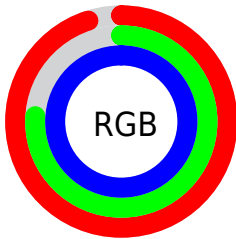
Format	Color
RYB	241, 195, 255
Decimal	15844351
CIELab	84.46, 26.63, -23.29
CIElCh	84, 35.379, 318.836
Yxy	64.9510, 0.3051, 0.2683
Android (android.graphics.Color)	4294034431 (0xFFFF1C3FF)
YUV	215.5940, 19.4272, 22.2811
Hunter-Lab	80.5922, 22.5101, -19.5463

Details

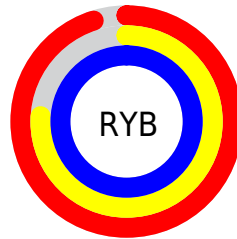
The XYZ color **73.8407, 64.9510, 103.2527** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9065, 89.0162, 65.0249**, and the grayscale version is **64.8641, 68.2421, 74.3156**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.4851, 33.3173, 57.7759** is the 20% darker color. If you saturate the color by 10%, you get **66.6103, 53.4554, 101.4149**, and if you desaturate by 10%, it is **82.1167, 78.4374, 105.4197**.

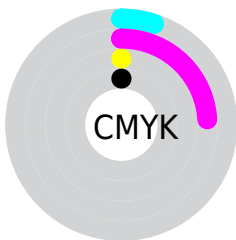
Distribution



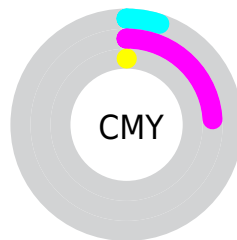
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8407, 64.9510, 103.2527 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 73.8407, 64.9510, 103.2527 by changing the saturation by 10% instead.

73.8407, 64.9510,
103.2527

73.8407, 64.9510,
103.2527

462.9822,
442.6159, 591.9071

54.9545, 47.4213,
78.3878

123.6667,
111.9794, 167.7107

39.5990, 33.3689,
57.8743

155.3372,
142.2470, 208.1409

27.4088, 22.4092,
41.2935

191.9998,
177.5293, 254.5967

18.0187, 14.1579,
28.2271

234.0198,
218.2107, 307.4965

11.0632, 8.2305,
18.2564

281.7628,
264.6757, 367.2589

6.1769, 4.2428,
10.9629

335.5939,

2.9947, 1.8103,

317.3086, 434.3024

5.9280

395.8786,
376.4939, 509.0456

■ 1.1509, 0.4936,
2.7333

■ 0.0671, 0.0000,
0.9601

■ 73.8407, 64.9510,
103.2527

■ 73.8407, 64.9510,
103.2527

■ 66.6103, 53.4554,
101.4149

■ 82.1167, 78.4374,
105.4197

■ 60.3698, 43.8430,
99.8884

■ 91.4795, 93.9989,
107.9299

■ 55.0665, 36.0084,
98.6557

95.0500, 100.0000,
108.9000

■ 50.6404, 29.8324,
97.6969

■ 47.0238, 25.1809,
96.9897

■ 44.1387, 21.8986,
96.5082

■ 41.8899, 19.7962,
96.2210

■ 40.6857, 18.8891,
96.1093

Harmonies

Analogous

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



66.7494, 64.9510, 120.1767



73.8407, 64.9510, 103.2527



77.8013, 64.9510, 79.4478

Triad

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



73.8407, 64.9510, 103.2527



64.7105, 64.9510, 36.1551



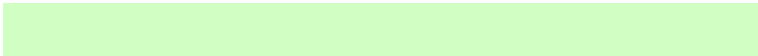
48.4914, 64.9510, 85.6550

Complementary

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



73.8407, 64.9510, 103.2527



71.9065, 89.0162, 65.0249

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.



48.0466, 64.9510, 62.6571



73.8407, 64.9510, 103.2527



56.9763, 64.9510, 37.1231

Square

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



73.8407, 64.9510, 103.2527



72.2394, 64.9510, 42.8554



51.0286, 64.9510, 45.8589



52.2999, 64.9510, 108.6195

Rectangle

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



73.8407, 64.9510, 103.2527



77.9260, 64.9510, 64.2707



51.0286, 64.9510, 45.8589



47.9564, 64.9510, 77.5882

Sweetspot

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



73.8425, 64.9537, 103.2531



88.1019, 88.3539, 107.0183



63.3585, 64.4258, 103.7038



18.7347, 18.7070, 22.8733



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.



73.8425, 64.9537, 103.2531



70.4819, 59.5712, 102.3913



76.3365, 66.5247, 90.4796



18.3540, 18.0742, 22.7713



21.3973, 9.9412, 50.2257



2.1789, 1.0172, 4.8948

Inverse Universe

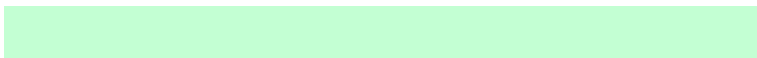
The Inverse Universe completely reimagines the original color for something new.



72.2654, 64.8963, 69.0414



68.7532, 59.5573, 62.6747



70.0254, 87.8262, 74.8920



18.1830, 18.0565, 19.5809



22.0152, 11.2954, 3.4647



2.1835, 1.1158, 0.5475

Previews

White Background



This preview shows how the XYZ color 73.8407, 64.9510, 103.2527 looks on a white background.

Color Contrast Check

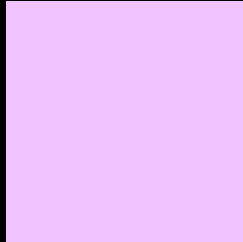
Large Text (above 18pt) WCAG AA × Fail

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 73.8407, 64.9510, 103.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

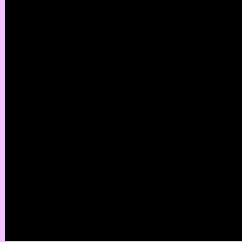
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8407, 64.9510, 103.2527

Background



This preview shows how black text looks on a background with the XYZ color 73.8407, 64.9510, 103.2527.

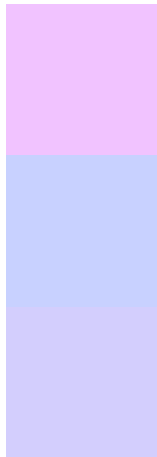


This preview shows how white text looks on a background with the XYZ color 73.8407, 64.9510,

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

73.8407, 64.9510, 103.2527

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.6649, 65.0833, 101.9772



Tritanopia

68.0364, 64.9652, 75.2833

Trichromacy



Original Color

73.8407, 64.9510, 103.2527



Protanomaly

67.6672, 64.8528, 103.5591



Deuteranomaly

69.1341, 64.9264, 102.6542



Tritanomaly

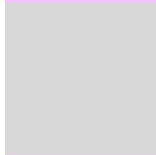
69.7723, 64.6209, 84.3970

Monochromacy



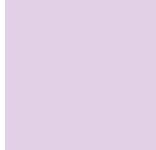
Original Color

73.8407, 64.9510, 103.2527



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

67.8901, 66.8325, 84.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8407, 64.9510, 103.2527 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(241, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 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(241, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8407, 64.9510, 103.2527 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(241, 195, 255) }
```


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

```
.border{ border-color:rgb(241, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8407, 64.9510, 103.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 255) }
```

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

```
.background{ background-color: rgb(241,  
195, 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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