

Converting Colors

XYZ(75.7422, 63.1551, 97.0050)

Have a look what the booklet for
XYZ(75.7422, 63.1551, 97.0050)
contains.

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Color

**XYZ(75.7422, 63.1551,
97.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF8
RGB	255, 186, 248
RGB Percent	100%, 73%, 97%
CMY	0.0000, 0.2706, 0.0274
CMYK	0.00, 0.27, 0.03, 0.00
HSL	306°, 100%, 86%
HSV	306°, 27%, 100%
XYZ	75.7422, 63.1551, 97.0050
YIQ	213.6990, 21.2220, 33.9100

Conversions

Conversions Part 2

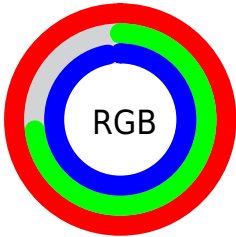
Format	Color
RYB	255, 186, 248
Decimal	16759544
CIELab	83.52, 34.57, -20.85
CIELCh	84, 40.376, 328.905
Yxy	63.1551, 0.3211, 0.2677
Android (android.graphics.Color)	4294949624 (0xFFFFBAF8)
YUV	213.6990, 16.9104, 36.2210
Hunter-Lab	79.4702, 31.0537, -16.7430

Details

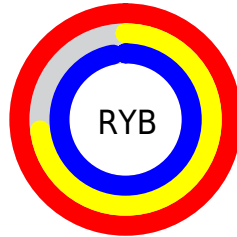
The XYZ color **75.7422, 63.1551, 97.0050** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6372, 85.8103, 63.5584**, and the grayscale version is **63.5956, 66.9075, 72.8623**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.7916, 32.1786, 53.9303** is the 20% darker color. If you saturate the color by 10%, you get **70.4434, 53.1952, 93.2731**, and if you desaturate by 10%, it is **82.0078, 75.0393, 101.0883**.

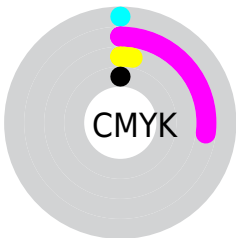
Distribution



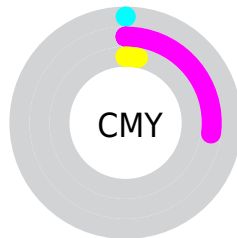
- Red (100%)
- Green (73%)
- Blue (97%)



- Red (100%)
- Yellow (73%)
- Blue (97%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7422, 63.1551, 97.0050 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 75.7422, 63.1551, 97.0050 by changing the saturation by 10% instead.


 75.7422, 63.1551,
97.0050

 75.7422, 63.1551,
97.0050


469.4227,
436.1322, 571.7115

 56.5175, 45.9667,
73.1988


 126.3447,
109.3932, 159.0510

 40.8566, 32.2195,
53.6457

158.4532,
139.2118, 198.1279

 28.3942, 21.5292,
37.9272


195.5870,
174.0091, 243.1321

 18.7650, 13.5114,
25.6248

238.1114,
214.1697, 294.4821

 11.6036, 7.7816,
16.3199

286.3919,
260.0779, 352.5966

 6.5446, 3.9555,
9.5940

340.7936,

 3.2228, 1.6487,

312.1181, 417.8939

5.0286

401.6821,
370.6747, 490.7927

■ 1.2726, 0.3901,
2.2050

■ 0.1626, 0.0000,
0.6772

■ 75.7422, 63.1551,
97.0050

■ 75.7422, 63.1551,
97.0050

■ 70.4434, 53.1952,
93.2731

■ 82.0078, 75.0393,
101.0883

■ 66.0564, 45.0502,
89.8715

■ 89.2833, 88.9346,
105.5348

■ 62.5267, 38.6111,
86.7829

95.0500, 100.0000,
108.9000

■ 59.7926, 33.7543,
83.9864

■ 57.7838, 30.3394,
81.4587

■ 56.4179, 28.2016,
79.1721

■ 55.5895, 27.1301,
77.0914

■ 55.4013, 26.9245,
76.5026

Harmonies

Analogous

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



68.5980, 63.1551, 120.6142



75.7422, 63.1551, 97.0050



78.6181, 63.1551, 69.6970

Triad

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



75.7422, 63.1551, 97.0050



60.3515, 63.1551, 30.7547



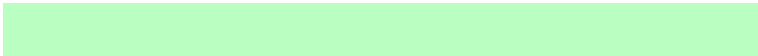
46.3781, 63.1551, 94.9980

Complementary

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



75.7422, 63.1551, 97.0050



65.6372, 85.8103, 63.5584

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.



44.6254, 63.1551, 67.8417



75.7422, 63.1551, 97.0050



52.2015, 63.1551, 34.4230

Square

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



75.7422, 63.1551, 97.0050



69.2131, 63.1551, 35.0111



46.6514, 63.1551, 46.6185



51.6920, 63.1551, 119.2700

Rectangle

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



75.7422, 63.1551, 97.0050



77.5323, 63.1551, 54.2062



46.6514, 63.1551, 46.6185



45.3774, 63.1551, 85.7222

Sweetspot

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



75.7435, 63.1576, 97.0063



88.5525, 87.5353, 105.0993



57.5782, 53.6652, 101.9315



18.7086, 18.2667, 22.3484



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.



75.7435, 63.1576, 97.0063



73.0061, 57.9990, 95.1183



70.8871, 61.2150, 71.4326



18.7086, 18.2667, 22.3484



28.9807, 14.0816, 40.1444



2.8437, 1.3799, 4.0245

Inverse Universe

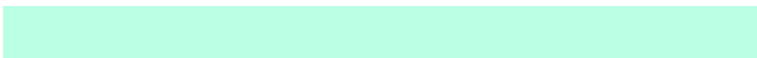
The Inverse Universe completely reimagines the original color for something new.



75.7435, 63.1576, 97.0063



73.0061, 57.9990, 95.1183



69.9318, 87.5281, 86.1733



18.7086, 18.2667, 22.3484



28.9807, 14.0816, 40.1444



2.8437, 1.3799, 4.0245

Previews

White Background



This preview shows how the XYZ color 75.7422, 63.1551, 97.0050 looks on a white background.

Color Contrast Check

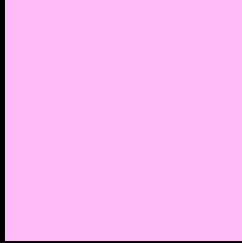
Large Text (above 18pt) WCAG AA × Fail

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 75.7422, 63.1551, 97.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

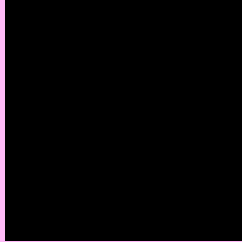
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7422, 63.1551, 97.0050

Background



This preview shows how black text looks on a background with the XYZ color 75.7422, 63.1551, 97.0050.



This preview shows how white text looks on a background with the XYZ color 75.7422, 63.1551,

97.0050.

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

75.7422, 63.1551, 97.0050

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

64.9383, 63.6272, 95.2449



Tritanopia

69.8795, 63.0180, 68.1551

Trichromacy



Original Color

75.7422, 63.1551, 97.0050



Protanomaly

66.9076, 62.7805, 100.6869



Deuteranomaly

68.2794, 62.9172, 95.7343



Tritanomaly

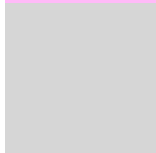
71.8776, 62.8501, 78.1550

Monochromacy



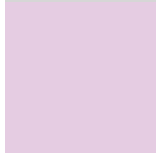
Original Color

75.7422, 63.1551, 97.0050



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.6334, 65.3347, 80.9977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7422, 63.1551, 97.0050 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, 186, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 248)  
}
```

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, 186, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 248) }
```

Border

The CSS property to change the border of an element to XYZ 75.7422, 63.1551, 97.0050 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, 186, 248) }
```


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

```
.border{ border-color:rgb(255, 186, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7422, 63.1551, 97.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 248) }
```

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

```
.background{ background-color: rgb(255,  
186, 248) }
```

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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