

Converting Colors

XYZ(75.1828, 66.0954,
103.4029)

Have a look what the booklet for
XYZ(75.1828, 66.0954, 103.4029)
contains.

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Color

**XYZ(75.0982, 65.9330,
103.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C4FF
RGB	244, 196, 255
RGB Percent	96%, 77%, 100%
CMY	0.0431, 0.2314, 0.0000
CMYK	0.04, 0.23, 0.00, 0.00
HSL	289°, 100%, 88%
HSV	289°, 23%, 100%
XYZ	75.0982, 65.9330, 103.3760
YIQ	217.0780, 9.6690, 28.5250

Conversions

Conversions Part 2

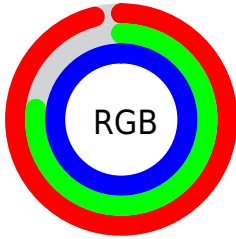
Format	Color
R_YB	244, 196, 255
Decimal	16041215
CIE _{Lab}	84.96, 27.06, -22.50
CIE _{LCh}	85, 35.188, 320.258
Yxy	65.9330, 0.3073, 0.2698
Android (android.graphics.Color)	4294231295 (0xFFFF4C4FF)
YUV	217.0780, 18.6955, 23.6106
Hunter-Lab	81.1991, 22.9898, -18.6437

Details

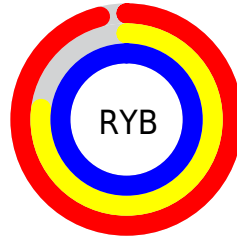
The XYZ color **75.0982, 65.9330, 103.3760** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4575, 88.7717, 65.5962**, and the grayscale version is **65.8798, 69.3106, 75.4793**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **40.3596, 33.9880, 57.8592** is the 20% darker color. If you saturate the color by 10%, you get **68.2001, 54.5533, 101.5430**, and if you desaturate by 10%, it is **83.0200, 79.2951, 105.5376**.

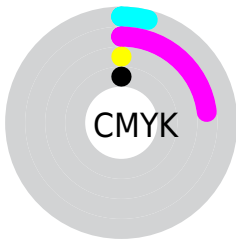
Distribution



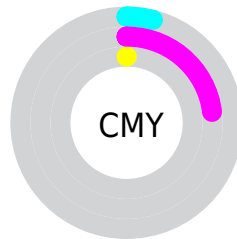
- Red (96%)
- Green (77%)
- Blue (100%)



- Red (96%)
- Yellow (77%)
- Blue (100%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0982, 65.9330, 103.3760 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 75.0982, 65.9330, 103.3760 by changing the saturation by 10% instead.

75.0982, 65.9330,
103.3760

75.0982, 65.9330,
103.3760

467.2470,
446.1372, 592.3019

55.9878, 48.2180,
78.4904

125.4385,
113.3902, 167.8811

40.4301, 33.9996,
57.9581

157.3992,
143.9011, 208.3377

28.0598, 22.8933,
41.3605

194.3739,
179.4462, 254.8217

18.5114, 14.5147,
28.2790

236.7282,
220.4098, 307.7517

11.4197, 8.4795,
18.2952

284.8272,
267.1763, 367.5461

6.4192, 4.4033,
10.9905

339.0365,

3.1447, 1.9016,

320.1301, 434.6236

5.9464

399.7213,
379.6556, 509.4027

■ 1.2307, 0.5493,
2.7442

■ 0.1304, 0.0000,
0.9656

■ 75.0982, 65.9330,
103.3760

■ 75.0982, 65.9330,
103.3760

■ 68.2001, 54.5533,
101.5430

■ 83.0200, 79.2951,
105.5376

■ 62.2704, 45.0487,
100.0210

■ 92.0062, 94.7233,
108.0419

■ 57.2570, 37.3144,
98.7924

95.0500, 100.0000,
108.9000

■ 53.1003, 31.2318,
97.8374

■ 49.7335, 26.6676,
97.1339

■ 47.0793, 23.4678,
96.6561

■ 45.0436, 21.4451,
96.3730

■ 43.9113, 20.5520,
96.2603

Harmonies

Analogous

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



68.0797, 65.9330, 120.8683



75.0982, 65.9330, 103.3760



78.8755, 65.9330, 79.4114

Triad

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



75.0982, 65.9330, 103.3760



65.2749, 65.9330, 36.8623



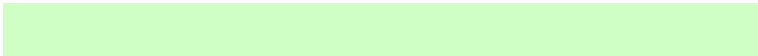
49.4605, 65.9330, 87.9441

Complementary

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



75.0982, 65.9330, 103.3760



71.4575, 88.7717, 65.5962

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.



48.8472, 65.9330, 64.6722



75.0982, 65.9330, 103.3760



57.5497, 65.9330, 38.2026

Square

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



75.0982, 65.9330, 103.3760



72.8972, 65.9330, 43.2472



51.6900, 65.9330, 47.3981



53.4423, 65.9330, 110.7395

Rectangle

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



75.0982, 65.9330, 103.3760



78.8477, 65.9330, 64.3124



51.6900, 65.9330, 47.3981



48.8674, 65.9330, 79.8254

Sweetspot

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



75.1001, 65.9358, 103.3764



88.4039, 88.5096, 107.0324



63.3246, 63.9729, 103.6182



18.8048, 18.7431, 22.8766



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.



75.1001, 65.9358, 103.3764



71.6189, 60.1573, 102.4445



76.3113, 66.8744, 89.2380



18.4411, 18.1191, 22.7753



23.0638, 10.8003, 50.3037



2.3276, 1.0938, 4.9017

Inverse Universe

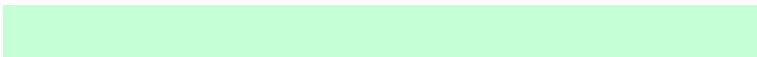
The Inverse Universe completely reimagines the original color for something new.



72.2441, 65.2475, 67.8201



68.3653, 59.4022, 60.6322



70.6262, 88.0964, 76.7021



18.1477, 18.0424, 19.3948



21.8620, 11.2341, 2.6576



2.1638, 1.1079, 0.4439

Previews

White Background



This preview shows how the XYZ color 75.0982, 65.9330, 103.3760 looks on a white background.

Color Contrast Check

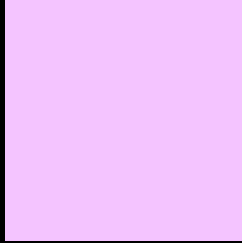
Large Text (above 18pt) WCAG AA × Fail

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 75.0982, 65.9330, 103.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

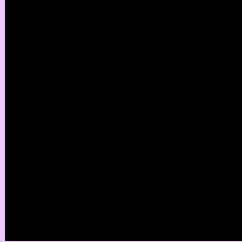
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0982, 65.9330, 103.3760

Background



This preview shows how black text looks on a background with the XYZ color 75.0982, 65.9330, 103.3760.



This preview shows how white text looks on a background with the XYZ color 75.0982, 65.9330,

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

75.0982, 65.9330, 103.3760

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.7261, 66.3497, 102.1657



Tritanopia

69.6074, 66.1245, 75.4243

Trichromacy



Original Color

75.0982, 65.9330, 103.3760



Protanomaly

68.7366, 66.1143, 103.7463



Deuteranomaly

70.2227, 66.1888, 102.8405



Tritanomaly

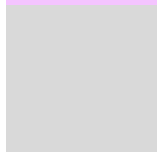
71.3537, 65.7788, 84.5371

Monochromacy



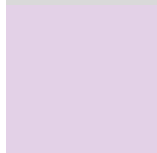
Original Color

75.0982, 65.9330, 103.3760



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

68.9028, 67.7013, 85.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0982, 65.9330, 103.3760 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(244, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 196, 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(244, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0982, 65.9330, 103.3760 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(244, 196, 255) }
```


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

```
.border{ border-color:rgb(244, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0982, 65.9330, 103.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 196, 255) }
```

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

```
.background{ background-color: rgb(244,  
196, 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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