

Converting Colors

XYZ(75.7507, 64.7018, 92.2922)

Have a look what the booklet for
XYZ(75.7507, 64.7018, 92.2922)
contains.

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Color

**XYZ(75.8978, 64.9324,
92.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFF2
RGB	255, 191, 242
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2510, 0.0510
CMYK	0.00, 0.25, 0.05, 0.00
HSL	312°, 100%, 87%
HSV	312°, 25%, 100%
XYZ	75.8978, 64.9324, 92.5374
YIQ	215.9500, 21.7730, 29.4290

Conversions

Conversions Part 2

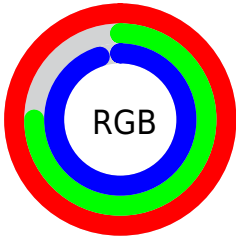
Format	Color
R _Y B	255, 191, 242
Decimal	16760818
CIE Lab	84.45, 30.90, -16.26
CIE LCh	84, 34.920, 332.254
Yxy	64.9324, 0.3252, 0.2782
Android (android.graphics.Color)	4294950898 (0xFFFFBFF2)
YUV	215.9500, 12.8427, 34.2469
Hunter-Lab	80.5806, 27.1106, -11.6811

Details

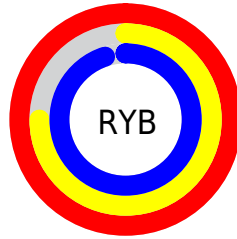
The XYZ color **75.8978, 64.9324, 92.5374** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1470, 86.9570, 70.3223**, and the grayscale version is **65.1426, 68.5350, 74.6347**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **41.0973, 33.4423, 50.7433** is the 20% darker color. If you saturate the color by 10%, you get **70.0466, 54.4571, 86.8036**, and if you desaturate by 10%, it is **82.7421, 77.3579, 98.7127**.

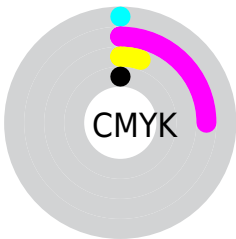
Distribution



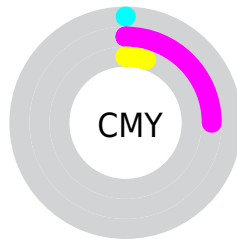
- Red (100%)
- Green (75%)
- Blue (95%)



- Red (100%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8978, 64.9324, 92.5374 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 75.8978, 64.9324, 92.5374 by changing the saturation by 10% instead.


 75.8978, 64.9324,
92.5374

 75.8978, 64.9324,
92.5374


469.9475,
442.5490, 557.0325

 56.6455, 47.4063,
69.5015


 126.5636,
111.9527, 152.8242

 40.9597, 33.3569,
50.6460

158.7077,
142.2156, 190.9121

 28.4751, 22.4000,
35.5522


195.8798,
177.4929, 234.8546

 18.8264, 14.1511,
23.8016

238.4453,
218.1690, 285.0700

 11.6482, 8.2259,
14.9757

286.7694,
264.6282, 341.9770

 6.5751, 4.2398,
8.6559


341.2176,


 3.2418, 1.8086,


317.2551, 405.9940


4.4237


402.1552,
376.4339, 477.5397


 1.2829, 0.4925,
1.8605


 0.1703, 0.0000,
0.4674


 75.8978, 64.9324,
92.5374


 75.8978, 64.9324,
92.5374

 70.0466, 54.4571,
86.8036


 82.7421, 77.3579,
98.7127

 65.1336, 45.8237,
81.4894

 90.6218, 91.8189,
105.3419

 61.1055, 38.9255,
76.5772

95.0500, 100.0000,
108.9000

 57.9017, 33.6413,
72.0458

■ 55.4536, 29.8345,
67.8714

■ 53.6815, 27.3459,
64.0265

■ 52.4871, 25.9792,
60.4774

■ 52.0437, 25.5815,
58.8217

Harmonies

Analogous

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



70.0334, 64.9324, 113.3846



75.8978, 64.9324, 92.5374



77.8722, 64.9324, 69.0315

Triad

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



75.8978, 64.9324, 92.5374



61.1308, 64.9324, 35.9988



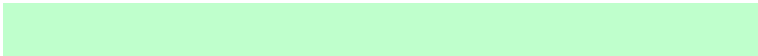
49.9297, 64.9324, 96.0676

Complementary

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



75.8978, 64.9324, 92.5374



68.1470, 86.9570, 70.3223

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.



47.9654, 64.9324, 72.3959



75.8978, 64.9324, 92.5374



54.0852, 64.9324, 40.3501

Square

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



75.8978, 64.9324, 92.5374



68.9325, 64.9324, 39.2038



49.4214, 64.9324, 52.6011



55.0222, 64.9324, 115.7050

Rectangle

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



75.8978, 64.9324, 92.5374



76.5939, 64.9324, 55.7094



49.4214, 64.9324, 52.6011



48.9019, 64.9324, 88.1648

Sweetspot

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



75.8993, 64.9350, 92.5388



88.2239, 87.4038, 103.3688



61.5304, 57.2939, 102.4236



18.6253, 18.2334, 21.9097



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.



75.8993, 64.9350, 92.5388



72.9083, 59.5594, 89.6723



71.5304, 63.1875, 69.5325



18.6253, 18.2334, 21.9097



27.2493, 13.3890, 31.0270



2.6913, 1.3189, 3.2217

Inverse Universe

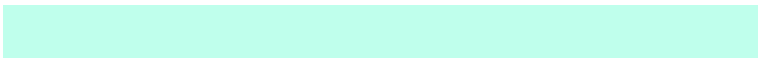
The Inverse Universe completely reimagines the original color for something new.



75.8993, 64.9350, 92.5388



72.9083, 59.5594, 89.6723



72.3589, 88.6417, 92.5018



18.6253, 18.2334, 21.9097



27.2493, 13.3890, 31.0270



2.6913, 1.3189, 3.2217

Previews

White Background



This preview shows how the XYZ color 75.8978, 64.9324, 92.5374 looks on a white background.

Color Contrast Check

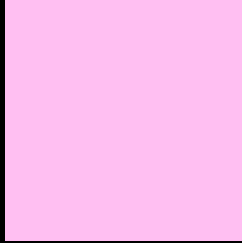
Large Text (above 18pt) WCAG AA × Fail

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 75.8978, 64.9324, 92.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

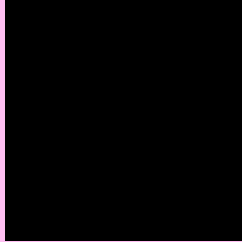
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8978, 64.9324, 92.5374

Background



This preview shows how black text looks on a background with the XYZ color 75.8978, 64.9324, 92.5374.



This preview shows how white text looks on a background with the XYZ color 75.8978, 64.9324,

92.5374.

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

75.8978, 64.9324, 92.5374

Protanopia

64.7773, 65.1742, 102.9317

Deuteranopia

66.5647, 65.2800, 90.7533



Tritanopia

71.4073, 64.7426, 71.0203

Trichromacy



Original Color

75.8978, 64.9324, 92.5374



Protanomaly

68.1946, 64.5153, 99.3009



Deuteranomaly

69.5698, 65.0535, 91.3279



Tritanomaly

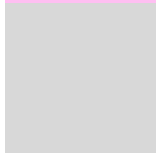
72.7560, 64.6067, 78.4477

Monochromacy



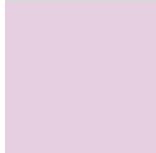
Original Color

75.8978, 64.9324, 92.5374



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.5366, 66.8849, 80.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8978, 64.9324, 92.5374 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, 191, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 242)  
}
```

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, 191, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.8978, 64.9324, 92.5374 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, 191, 242) }
```


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

```
.border{ border-color:rgb(255, 191, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8978, 64.9324, 92.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 242) }
```

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

```
.background{ background-color: rgb(255,  
191, 242) }
```

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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