

# Converting Colors

XYZ(82.3536, 69.1293, 81.4723)

Have a look what the booklet for  
XYZ(82.3536, 69.1293, 81.4723)  
contains.

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# Color

**XYZ(74.1751, 64.9460,  
81.2994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1E3
RGB	255, 193, 227
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2431, 0.1098
CMYK	0.00, 0.24, 0.11, 0.00
HSL	327°, 100%, 88%
HSV	327°, 24%, 100%
XYZ	74.1751, 64.9460, 81.2994
YIQ	215.4140, 26.0380, 23.7180

# Conversions

## Conversions Part 2

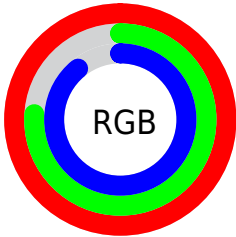
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 193, 227
Decimal	16761315
CIE Lab	84.46, 27.34, -8.24
CIE LCh	84, 28.554, 343.221
Yxy	64.9460, 0.3365, 0.2946
Android (android.graphics.Color)	4294951395 (0xFFFFC1E3)
YUV	215.4140, 5.7119, 34.7169
Hunter-Lab	80.5891, 23.2625, -3.4002

# Details

The XYZ color **74.1751, 64.9460, 81.2994** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8057, 88.0790, 81.6791**, and the grayscale version is **64.8234, 68.1993, 74.2690**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.9677, 33.4496, 43.3796** is the 20% darker color. If you saturate the color by 10%, you get **67.4797, 54.0145, 71.4861**, and if you desaturate by 10%, it is **81.9517, 77.8692, 91.9994**.

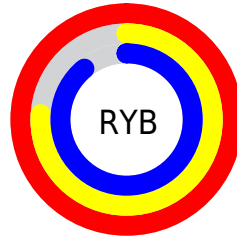
# Distribution



Red (100%)

Green (76%)

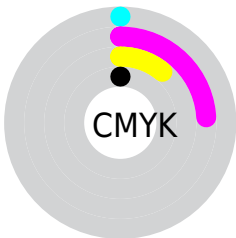
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

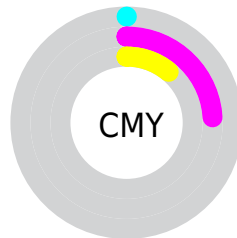


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1751, 64.9460, 81.2994 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 74.1751, 64.9460, 81.2994 by changing the saturation by 10% instead.





 74.1751, 64.9460,  
81.2994

 74.1751, 64.9460,  
81.2994


464.1185,  
442.5979, 519.1230

 55.2292, 47.4173,  
60.2558


 124.1382,  
111.9722, 137.0189

 39.8198, 33.3657,  
43.1982


155.8860,  
142.2385, 172.5319

 27.5816, 22.4067,  
29.7081


192.6318,  
177.5195, 213.7051

 18.1494, 14.1561,  
19.3670

234.7410,  
218.1995, 260.9570

 11.1576, 8.2293,  
11.7562

282.5789,  
264.6629, 314.7063

 6.2410, 4.2420,  
6.4574


336.5109,


 3.0342, 1.8098,


317.2942, 375.3713


3.0519

396.9023,  
376.4777, 443.3707


 1.1719, 0.4933,  
1.1212


 0.0840, 0.0000,  
0.0000


 74.1751, 64.9460,  
81.2994


 74.1751, 64.9460,  
81.2994

 67.4797, 54.0145,  
71.4861


 81.9517, 77.8692,  
91.9994

 61.8091, 44.9659,  
62.5280

 90.8533, 92.8693,  
103.6081

 57.1084, 37.6936,  
54.3972

95.0500, 100.0000,  
108.9000

 53.3153, 32.0767,  
47.0620

■ 50.3602, 27.9792,  
40.4882

■ 48.1620, 25.2432,  
34.6369

■ 46.6222, 23.6752,  
29.4635

■ 45.9613, 23.1485,  
26.7919

# Harmonies

## Analogous

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



70.4756, 64.9460, 99.3858



74.1751, 64.9460, 81.2994



74.3971, 64.9460, 63.0138

# Triad

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



74.1751, 64.9460, 81.2994



58.9781, 64.9460, 41.8398



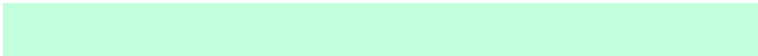
53.2510, 64.9460, 97.4721

# Complementary

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



74.1751, 64.9460, 81.2994



70.8057, 88.0790, 81.6791

# 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.



50.5877, 64.9460, 79.0197



74.1751, 64.9460, 81.2994



53.7382, 64.9460, 48.1681

# Square

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



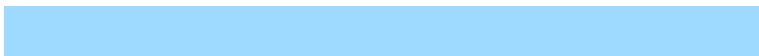
74.1751, 64.9460, 81.2994



65.3220, 64.9460, 42.2371



50.7598, 64.9460, 61.0919



58.2706, 64.9460, 109.7640



# Rectangle

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



74.1751, 64.9460, 81.2994



72.5193, 64.9460, 53.2321



50.7598, 64.9460, 61.0919



52.0664, 64.9460, 91.6596

# Sweetspot

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



74.1766, 64.9487, 81.3007



88.3466, 88.6269, 100.3961



66.9107, 60.7196, 102.8012



18.7918, 18.7705, 21.3365



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.



74.1766, 64.9487, 81.3007



70.9055, 59.5807, 76.5906



70.2872, 63.3929, 60.8192



18.4262, 18.1538, 20.8614



24.0921, 12.1261, 14.4015



2.4009, 1.2027, 1.6925



# Inverse Universe

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



74.1766, 64.9487, 81.3007



70.9055, 59.5807, 76.5906



75.3087, 89.8802, 105.3921



18.4262, 18.1538, 20.8614



24.0921, 12.1261, 14.4015



2.4009, 1.2027, 1.6925



# Previews

## White Background



This preview shows how the XYZ color 74.1751, 64.9460, 81.2994 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 74.1751, 64.9460, 81.2994 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 74.1751, 64.9460, 81.2994

## Background



This preview shows how black text looks on a background with the XYZ color 74.1751, 64.9460, 81.2994.



This preview shows how white text looks on a background with the XYZ color 74.1751, 64.9460,

81.2994.

# 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

74.1751, 64.9460, 81.2994

### Protanopia

64.0648, 65.4730, 89.3817

### Deuteranopia

66.4733, 65.1064, 80.2974



## Tritanopia

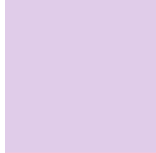
72.0058, 65.0657, 70.3918

# Trichromacy



## Original Color

74.1751, 64.9460, 81.2994



## Protanomaly

67.0413, 64.9162, 86.0874



## Deuteranomaly

69.2062, 65.0971, 80.8690



## Tritanomaly

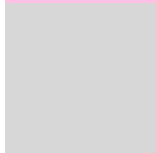
72.9125, 65.1108, 74.3704

# Monochromacy



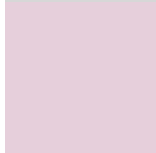
## Original Color

74.1751, 64.9460, 81.2994



## Achromatopsia

64.5905, 67.9542, 74.0022



## Achromatomaly

67.7321, 66.5631, 76.2959

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1751, 64.9460, 81.2994 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, 193, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 227)  
}
```

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, 193, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 227) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1751, 64.9460, 81.2994 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, 193, 227) }
```



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

```
.border{ border-color:rgb(255, 193, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
227) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1751, 64.9460, 81.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 227) }
```

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

```
.background{ background-color: rgb(255,  
193, 227) }
```

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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