

# Converting Colors

XYZ(100.1349, 78.6192,  
81.1173)

Have a look what the booklet for  
XYZ(100.1349, 78.6192, 81.1173)  
contains.

<b>XYZ(74.1224, 65.2798, 79.9278)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.1224, 65.2798,  
79.9278)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC2E1
RGB	255, 194, 225
RGB Percent	100%, 76%, 88%
CMY	0.0000, 0.2392, 0.1176
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	74.1224, 65.2798, 79.9278
YIQ	215.7730, 26.4050, 22.5730

# Conversions

## Conversions Part 2

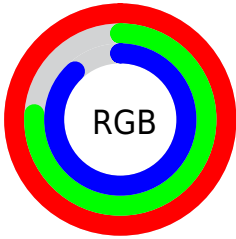
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 194, 225
Decimal	16761569
CIE Lab	84.63, 26.49, -6.92
CIE LCh	85, 27.378, 345.358
Yxy	65.2798, 0.3379, 0.2976
Android (android.graphics.Color)	4294951649 (0xFFFFC2E1)
YUV	215.7730, 4.5489, 34.4021
Hunter-Lab	80.7959, 22.3635, -2.0958

# Details

The XYZ color **74.1224, 65.2798, 79.9278** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4648, 88.3722, 83.8152**, and the grayscale version is **65.0746, 68.4636, 74.5568**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.9225, 33.6642, 42.4239** is the 20% darker color. If you saturate the color by 10%, you get **67.2780, 54.2292, 69.5131**, and if you desaturate by 10%, it is **82.0693, 78.3337, 91.3317**.

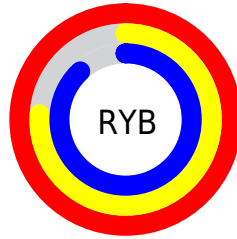
# Distribution



Red (100%)

Green (76%)

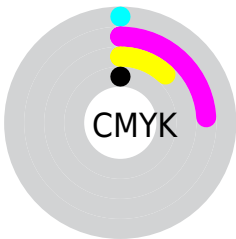
Blue (88%)



Red (100%)

Yellow (76%)

Blue (88%)

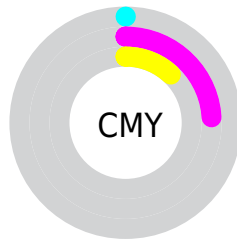


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1224, 65.2798, 79.9278 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 74.1224, 65.2798, 79.9278 by changing the saturation by 10% instead.





 74.1224, 65.2798,  
79.9278

 74.1224, 65.2798,  
79.9278


463.9395,  
443.7968, 514.3898

 55.1859, 47.6880,  
59.1331


 124.0639,  
112.4520, 135.0747

 39.7850, 33.5799,  
42.2996

155.7995,  
142.8012, 170.2640

 27.5544, 22.5710,  
29.0086


192.5322,  
178.1717, 211.0886

 18.1288, 14.2771,  
18.8417

234.6274,  
218.9478, 257.9670

 11.1427, 8.3136,  
11.3803

282.4503,  
265.5140, 311.3178

 6.2309, 4.2963,  
6.2059

336.3664,

 3.0280, 1.8406,

318.2546, 371.5595

2.8999

396.7410,  
377.5541, 439.1107

■ 1.1686, 0.5123,  
1.0437

■ 0.0813, 0.0000,  
0.0000

■ 74.1224, 65.2798,  
79.9278

■ 74.1224, 65.2798,  
79.9278

■ 67.2780, 54.2292,  
69.5131

■ 82.0693, 78.3337,  
91.3317

■ 61.4791, 45.0730,  
60.0530

■ 91.1628, 93.4759,  
103.7499

■ 56.6704, 37.7048,  
51.5161

95.0500, 100.0000,  
108.9000

■ 52.7893, 32.0040,  
43.8675

■ 49.7656, 27.8349,  
37.0689

■ 47.5182, 25.0403,  
31.0781

■ 45.9485, 23.4283,  
25.8462

■ 45.2414, 22.8605,  
23.0008

# Harmonies

## Analogous

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



70.7872, 65.2798, 97.4410



74.1224, 65.2798, 79.9278



74.0796, 65.2798, 62.5339

# Triad

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



74.1224, 65.2798, 79.9278



58.9864, 65.2798, 43.3185



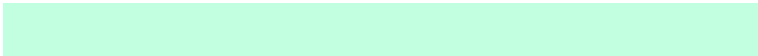
54.1515, 65.2798, 97.8088

# Complementary

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



74.1224, 65.2798, 79.9278



71.4648, 88.3722, 83.8152

# 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.



51.3926, 65.2798, 80.3683



74.1224, 65.2798, 79.9278



54.0566, 65.2798, 49.9595

# Square

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



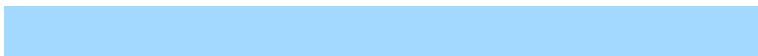
74.1224, 65.2798, 79.9278



65.0640, 65.2798, 43.2403



51.3590, 65.2798, 62.9079



59.1238, 65.2798, 108.8579



# Rectangle

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



74.1224, 65.2798, 79.9278



72.1302, 65.2798, 53.3306



51.3590, 65.2798, 62.9079



52.9493, 65.2798, 92.3829

# Sweetspot

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



74.1239, 65.2825, 79.9291



88.2361, 88.5827, 99.8142



67.9246, 61.5716, 102.9122



18.7662, 18.7603, 21.2018



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.



74.1239, 65.2825, 79.9291



70.5114, 59.4230, 74.5156



70.3860, 63.7874, 60.2456



18.3946, 18.1411, 20.6950



23.7152, 11.9754, 12.4167



2.3643, 1.1881, 1.4996



# Inverse Universe

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



74.1239, 65.2825, 79.9291



70.5114, 59.4230, 74.5156



75.8964, 90.1448, 107.1515



18.3946, 18.1411, 20.6950



23.7152, 11.9754, 12.4167



2.3643, 1.1881, 1.4996



# Previews

## White Background



This preview shows how the XYZ color 74.1224, 65.2798, 79.9278 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

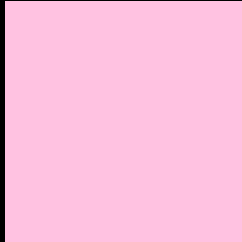
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1224, 65.2798, 79.9278 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 74.1224, 65.2798, 79.9278**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1224, 65.2798, 79.9278.



This preview shows how white text looks on a background with the XYZ color 74.1224, 65.2798,

79.9278.

# 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

74.1224, 65.2798, 79.9278

### Protanopia

64.0544, 65.5012, 87.8642

### Deuteranopia

66.8292, 65.3212, 78.8980



## Tritanopia

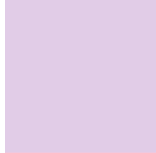
72.0058, 65.0657, 70.3918

# Trichromacy



## Original Color

74.1224, 65.2798, 79.9278



## Protanomaly

67.0680, 64.9628, 84.6055



## Deuteranomaly

69.2662, 65.1596, 79.4474



## Tritanomaly

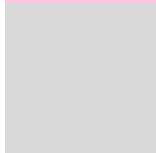
72.7828, 65.0589, 73.6873

# Monochromacy



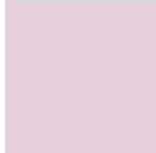
## Original Color

74.1224, 65.2798, 79.9278



## Achromatopsia

65.2694, 68.6685, 74.7800



## Achromatomaly

67.9752, 67.0492, 76.3769

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1224, 65.2798, 79.9278 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, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 225)  
}
```

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, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1224, 65.2798, 79.9278 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, 194, 225) }
```



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

```
.border{ border-color:rgb(255, 194, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1224, 65.2798, 79.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 225) }
```

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

```
.background{ background-color: rgb(255,  
194, 225) }
```

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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