

# Converting Colors

XYZ(73.9299, 65.1316, 79.1335)

Have a look what the booklet for  
XYZ(73.9299, 65.1316, 79.1335)  
contains.

<b>XYZ(73.9863, 65.2254, 79.2113)</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(73.9863, 65.2254,  
79.2113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC2E0
RGB	255, 194, 224
RGB Percent	100%, 76%, 88%
CMY	0.0000, 0.2392, 0.1216
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	73.9863, 65.2254, 79.2113
YIQ	215.6590, 26.7260, 22.2620

# Conversions

## Conversions Part 2

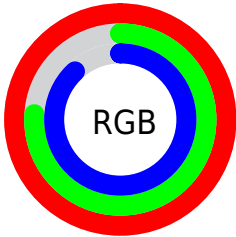
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 194, 224
Decimal	16761568
CIE <sub>Lab</sub>	84.60, 26.33, -6.43
CIE <sub>LCh</sub>	85, 27.101, 346.280
Yxy	65.2254, 0.3387, 0.2986
Android (android.graphics.Color)	4294951648 (0xFFFFC2E0)
YUV	215.6590, 4.1121, 34.5021
Hunter-Lab	80.7622, 22.1899, -1.6178

# Details

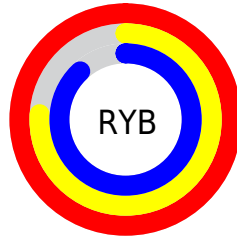
The XYZ color **73.9863, 65.2254, 79.2113** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6010, 88.4266, 84.5319**, and the grayscale version is **64.9999, 68.3850, 74.4712**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.8282, 33.6265, 41.9275** is the 20% darker color. If you saturate the color by 10%, you get **67.0993, 54.1577, 68.5723**, and if you desaturate by 10%, it is **81.9841, 78.2997, 90.8833**.

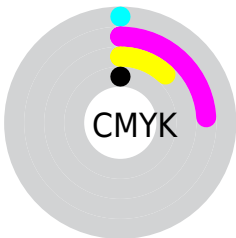
# Distribution



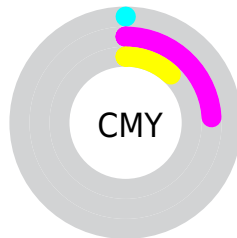
- Red (100%)
- Green (76%)
- Blue (88%)



- 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 73.9863, 65.2254, 79.2113 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 73.9863, 65.2254, 79.2113 by changing the saturation by 10% instead.





 73.9863, 65.2254,  
79.2113

 73.9863, 65.2254,  
79.2113

463.4771,  
443.6015, 511.9074

 55.0741, 47.6439,  
58.5472


 123.8720,  
112.3739, 134.0576

 39.6951, 33.5449,  
41.8311

155.5762,  
142.7096, 169.0770

 27.4841, 22.5442,  
28.6445


192.2750,  
178.0655, 209.7185

 18.0756, 14.2573,  
18.5688

234.3339,  
218.8259, 256.4007

 11.1043, 8.2999,  
11.1855

282.1182,  
265.3754, 309.5421

 6.2048, 4.2874,  
6.0760

335.9933,

 3.0119, 1.8356,

318.0982, 369.5614

2.8218

396.3245,  
377.3788, 436.8769

■ 1.1600, 0.5092,  
1.0044

■ 0.0745, 0.0000,  
0.0000

■ 73.9863, 65.2254,  
79.2113

■ 73.9863, 65.2254,  
79.2113

■ 67.0993, 54.1577,  
68.5723

■ 81.9841, 78.2997,  
90.8833

■ 61.2659, 44.9877,  
58.9300

■ 91.1372, 93.4657,  
103.6146

■ 56.4303, 37.6088,  
50.2515

95.0500, 100.0000,  
108.9000

■ 52.5297, 31.9001,  
42.5002

■ 49.4935, 27.7261,  
35.6361

■ 47.2404, 24.9292,  
29.6152

■ 45.6713, 23.3174,  
24.3865

■ 44.9674, 22.7510,  
21.5584

# Harmonies

## Analogous

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



70.7807, 65.2254, 96.6010



73.9863, 65.2254, 79.2113



73.8352, 65.2254, 62.0902

# Triad

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



73.9863, 65.2254, 79.2113



58.7931, 65.2254, 43.6176



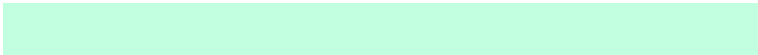
54.3032, 65.2254, 97.8975

# Complementary

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



73.9863, 65.2254, 79.2113



71.6010, 88.4266, 84.5319

# 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.



51.4931, 65.2254, 80.7660



73.9863, 65.2254, 79.2113



53.9678, 65.2254, 50.4068

# Square

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



73.9863, 65.2254, 79.2113



64.7928, 65.2254, 43.3402



51.3745, 65.2254, 63.4127



59.2785, 65.2254, 108.5160



# Rectangle

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



73.9863, 65.2254, 79.2113



71.8451, 65.2254, 53.0862



51.3745, 65.2254, 63.4127



53.0886, 65.2254, 92.5950

# Sweetspot

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



73.9879, 65.2282, 79.2126



88.1912, 88.5647, 99.5775



68.2398, 61.7341, 102.9270



18.7558, 18.7561, 21.1470



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.



73.9879, 65.2282, 79.2126



70.3527, 59.3596, 73.6797



70.2714, 63.7416, 59.6422



18.3817, 18.1360, 20.6274



23.5715, 11.9179, 11.6599



2.3501, 1.1824, 1.4250



# Inverse Universe

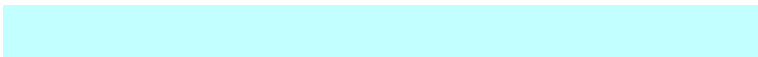
The Inverse Universe completely reimagines the original color for something new.



73.9879, 65.2282, 79.2126



70.3527, 59.3596, 73.6797



76.0597, 90.2101, 108.0113



18.3817, 18.1360, 20.6274



23.5715, 11.9179, 11.6599



2.3501, 1.1824, 1.4250



# Previews

## White Background



This preview shows how the XYZ color 73.9863, 65.2254, 79.2113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

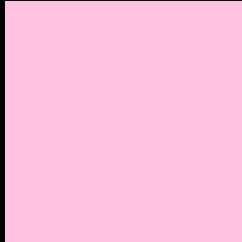
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.9863, 65.2254, 79.2113 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 73.9863, 65.2254, 79.2113**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.9863, 65.2254, 79.2113.



This preview shows how white text looks on a background with the XYZ color 73.9863, 65.2254,



# 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

73.9863, 65.2254, 79.2113

### Protanopia

64.1924, 65.5890, 87.1185

### Deuteranopia

66.6947, 65.2675, 78.1899



## Tritanopia

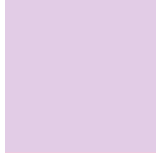
72.0058, 65.0657, 70.3918

# Trichromacy



## Original Color

73.9863, 65.2254, 79.2113



## Protanomaly

67.2398, 65.0677, 83.8783



## Deuteranomaly

69.1310, 65.1055, 78.7351



## Tritanomaly

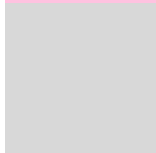
72.7828, 65.0589, 73.6873

# Monochromacy



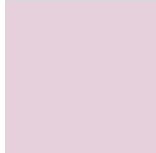
## Original Color

73.9863, 65.2254, 79.2113



## 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 73.9863, 65.2254, 79.2113 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 73.9863, 65.2254, 79.2113 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, 224) }
```



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

```
.border{ border-color:rgb(255, 194, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.9863, 65.2254, 79.2113 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
194, 224) }
```

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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