

Converting Colors

XYZ(80.7286, 68.1027, 78.2534)

Have a look what the booklet for
XYZ(80.7286, 68.1027, 78.2534)
contains.

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Color

**XYZ(73.2745, 64.2332,
77.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCODE
RGB	255, 192, 222
RGB Percent	100%, 75%, 87%
CMY	0.0000, 0.2470, 0.1294
CMYK	0.00, 0.25, 0.13, 0.00
HSL	331°, 100%, 88%
HSV	331°, 25%, 100%
XYZ	73.2745, 64.2332, 77.6435
YIQ	214.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

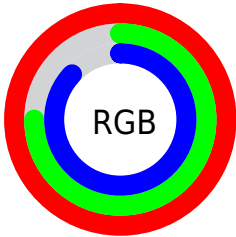
Format	Color
R_{YB}	255, 192, 222
Decimal	16761054
CIE _{Lab}	84.09, 27.06, -6.12
CIE _{LCh}	84, 27.740, 347.261
Yxy	64.2332, 0.3406, 0.2985
Android (android.graphics.Color)	4294951134 (0xFFFFC0DE)
YUV	214.2570, 3.8173, 35.7316
Hunter-Lab	80.1456, 22.9418, -1.3371

Details

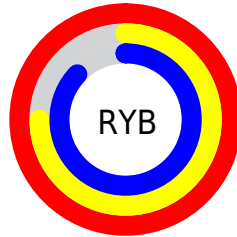
The XYZ color **73.2745, 64.2332, 77.6435** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0910, 88.1637, 84.5080**, and the grayscale version is **64.0528, 67.3885, 73.3861**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.3522, 32.9727, 40.8495** is the 20% darker color. If you saturate the color by 10%, you get **66.4329, 53.3026, 66.8774**, and if you desaturate by 10%, it is **81.2308, 77.1659, 89.4828**.

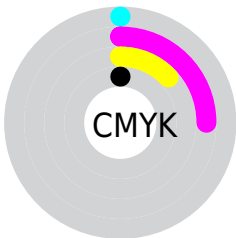
Distribution



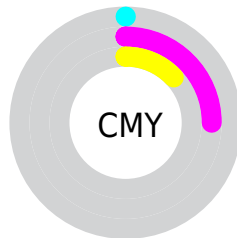
- Red (100%)
- Green (75%)
- Blue (87%)



- Red (100%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2745, 64.2332, 77.6435 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 73.2745, 64.2332, 77.6435 by changing the saturation by 10% instead.


 73.2745, 64.2332,
77.6435

 73.2745, 64.2332,
77.6435


461.0547,
440.0313, 506.4511

 54.4896, 46.8396,
57.2665


 122.8679,
110.9467, 131.8287

 39.2255, 32.9089,
40.8084

154.4070,
141.0354, 166.4740

 27.1167, 22.0566,
27.8509


190.9284,
176.1246, 206.7125

 17.7979, 13.8985,
17.9752

232.7972,
216.5986, 252.9626

 10.9038, 8.0501,
10.7629

280.3789,
262.8419, 305.6430

 6.0690, 4.1270,
5.7955


334.0388,


 2.9281, 1.7449,


315.2388, 365.1722


2.6544


394.1423,
374.1738, 431.9687

 1.1159, 0.4525,
0.9203


 0.0383, 0.0000,
0.0000


 73.2745, 64.2332,
77.6435


 73.2745, 64.2332,
77.6435

 66.4329, 53.3026,
66.8774


 81.2308, 77.1659,
89.4828

 60.6484, 44.2646,
57.1465

 90.3471, 92.1867,
102.4233

 55.8646, 37.0116,
48.4163

95.0500, 100.0000,
108.9000

 52.0178, 31.4218,
40.6480

■ 49.0363, 27.3578,
33.7997

■ 46.8372, 24.6600,
27.8249

■ 45.3195, 23.1326,
22.6701

■ 44.7171, 22.6508,
20.2400

Harmonies

Analogous

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



70.1164, 64.2332, 95.4177



73.2745, 64.2332, 77.6435



73.0032, 64.2332, 60.4007

Triad

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



73.2745, 64.2332, 77.6435



57.6235, 64.2332, 42.4208



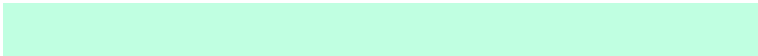
53.4027, 64.2332, 97.7511

Complementary

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



73.2745, 64.2332, 77.6435



71.0910, 88.1637, 84.5080

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.



50.4814, 64.2332, 80.4321



73.2745, 64.2332, 77.6435



52.8041, 64.2332, 49.4550

Square

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



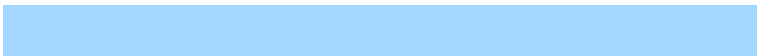
73.2745, 64.2332, 77.6435



63.6858, 64.2332, 41.9292



50.2699, 64.2332, 62.7619



58.4914, 64.2332, 108.2656

Rectangle

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



73.2745, 64.2332, 77.6435



70.9129, 64.2332, 51.4411



50.2699, 64.2332, 62.7619



52.1499, 64.2332, 92.4120

Sweetspot

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



73.2759, 64.2359, 77.6448



88.1484, 88.5476, 99.3524



67.8131, 60.8577, 102.7803



18.7459, 18.7522, 21.0949



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.



73.2759, 64.2359, 77.6448



69.5163, 58.2026, 71.8106



69.8374, 63.2307, 58.3966



18.3695, 18.1311, 20.5632



23.4400, 11.8653, 10.9672



2.3370, 1.1772, 1.3563

Inverse Universe

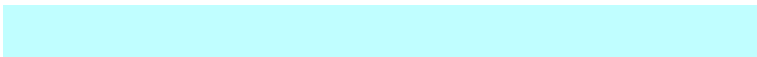
The Inverse Universe completely reimagines the original color for something new.



73.2759, 64.2359, 77.6448



69.5163, 58.2026, 71.8106



75.2157, 89.2792, 107.8761



18.3695, 18.1311, 20.5632



23.4400, 11.8653, 10.9672



2.3370, 1.1772, 1.3563

Previews

White Background



This preview shows how the XYZ color 73.2745, 64.2332, 77.6435 looks on a white background.

Color Contrast Check

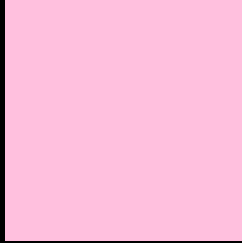
Large Text (above 18pt) WCAG AA × Fail

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 73.2745, 64.2332, 77.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

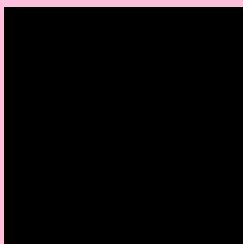
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2745, 64.2332, 77.6435

Background



This preview shows how black text looks on a background with the XYZ color 73.2745, 64.2332, 77.6435.



This preview shows how white text looks on a background with the XYZ color 73.2745, 64.2332,

77.6435.

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

73.2745, 64.2332, 77.6435

Protanopia

63.0981, 64.6925, 85.5052

Deuteranopia

65.8752, 64.5218, 76.6921



Tritanopia

71.3084, 64.0697, 68.9299

Trichromacy



Original Color

73.2745, 64.2332, 77.6435

Protanomaly

66.1000, 64.1606, 82.2992

Deuteranomaly

68.6305, 64.5335, 77.2456

Tritanomaly

72.0806, 64.0658, 72.1852

Monochromacy



Original Color

73.2745, 64.2332, 77.6435

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.9088, 65.8104, 74.8218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2745, 64.2332, 77.6435 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, 192, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 222)  
}
```

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, 192, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.2745, 64.2332, 77.6435 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, 192, 222) }
```


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

```
.border{ border-color:rgb(255, 192, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2745, 64.2332, 77.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 222) }
```

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

```
.background{ background-color: rgb(255,  
192, 222) }
```

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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