

Converting Colors

XYZ(90.6838, 73.1970, 84.3590)

Have a look what the booklet for
XYZ(90.6838, 73.1970, 84.3590)
contains.

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Color

**XYZ(74.3726, 64.6724,
83.4261)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E6
RGB	255, 192, 230
RGB Percent	100%, 75%, 90%
CMY	0.0000, 0.2470, 0.0980
CMYK	0.00, 0.25, 0.10, 0.00
HSL	324°, 100%, 88%
HSV	324°, 25%, 100%
XYZ	74.3726, 64.6724, 83.4261
YIQ	215.1690, 25.3500, 25.1740

Conversions

Conversions Part 2

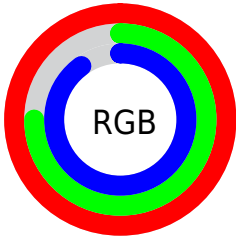
Format	Color
R _Y B	255, 192, 230
Decimal	16761062
CIE Lab	84.31, 28.36, -10.05
CIE LCh	84, 30.085, 340.476
Yxy	64.6724, 0.3343, 0.2907
Android (android.graphics.Color)	4294951142 (0xFFFFC0E6)
YUV	215.1690, 7.3117, 34.9318
Hunter-Lab	80.4192, 24.3454, -5.2135

Details

The XYZ color **74.3726, 64.6724, 83.4261** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0247, 87.7372, 78.8930**, and the grayscale version is **64.6471, 68.0138, 74.0670**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.0172, 33.2387, 44.3510** is the 20% darker color. If you saturate the color by 10%, you get **67.8710, 53.8777, 74.4503**, and if you desaturate by 10%, it is **81.9295, 77.4453, 93.1624**.

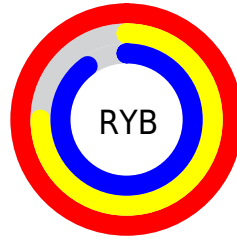
Distribution



Red (100%)

Green (75%)

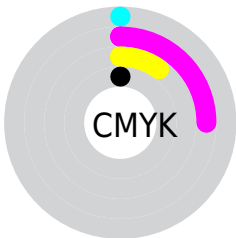
Blue (90%)



Red (100%)

Yellow (75%)

Blue (90%)

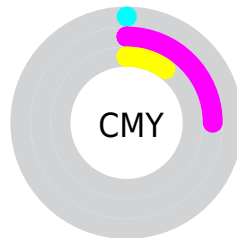


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3726, 64.6724, 83.4261 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 74.3726, 64.6724, 83.4261 by changing the saturation by 10% instead.


 74.3726, 64.6724,
83.4261

 74.3726, 64.6724,
83.4261


464.7888,
441.6138, 526.4137

 55.3914, 47.1955,
61.9991

 124.4165,
111.5787, 140.0267

 39.9503, 33.1902,
44.5962

156.2100,
141.7770, 176.0373

 27.6838, 22.2722,
30.7988


193.0049,
176.9844, 217.7462

 18.2267, 14.0571,
20.1885

235.1666,
217.5855, 265.5719

 11.2135, 8.1604,
12.3467

283.0605,
263.9645, 319.9329

 6.2790, 4.1977,
6.8549

337.0519,

 3.0577, 1.7848,

316.5060, 381.2479

3.2944

397.5063,
375.5943, 449.9353

■ 1.1844, 0.4777,
1.2469

■ 0.0940, 0.0000,
0.0176

■ 74.3726, 64.6724,
83.4261

■ 74.3726, 64.6724,
83.4261

■ 67.8710, 53.8777,
74.4503

■ 81.9295, 77.4453,
93.1624

■ 62.3690, 44.9528,
66.2072

■ 90.5853, 92.2818,
103.6779

■ 57.8122, 37.7906,
58.6723

95.0500, 100.0000,
108.9000

■ 54.1389, 32.2702,
51.8179

■ 51.2797, 28.2551,
45.6134

■ 49.1539, 25.5867,
40.0243

■ 47.6628, 24.0699,
35.0098

■ 47.0565, 23.5866,
32.5594

Harmonies

Analogous

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



70.1798, 64.6724, 102.2315



74.3726, 64.6724, 83.4261



74.9691, 64.6724, 63.9452

Triad

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



74.3726, 64.6724, 83.4261



59.1657, 64.6724, 40.1114



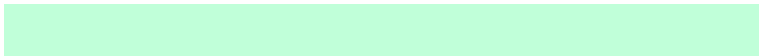
52.2164, 64.6724, 97.0650

Complementary

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



74.3726, 64.6724, 83.4261



70.0247, 87.7372, 78.8930

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.



49.6957, 64.6724, 77.3119



74.3726, 64.6724, 83.4261



53.5109, 64.6724, 46.0002

Square

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



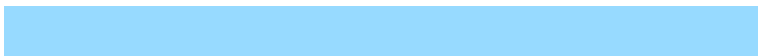
74.3726, 64.6724, 83.4261



65.8579, 64.6724, 41.1514



50.1518, 64.6724, 58.8363



57.2799, 64.6724, 111.0391

Rectangle

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



74.3726, 64.6724, 83.4261



73.2038, 64.6724, 53.3763



50.1518, 64.6724, 58.8363



51.0608, 64.6724, 90.7465

Sweetspot

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



74.3740, 64.6751, 83.4274



88.4979, 88.6874, 101.1930



65.2652, 59.5441, 102.6611



18.8269, 18.7845, 21.5211



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.



74.3740, 64.6751, 83.4274



70.8018, 58.7168, 78.5799



70.4410, 63.1018, 62.7165



18.4695, 18.1711, 21.0896



24.6637, 12.3548, 17.4115



2.4553, 1.2245, 1.9791

Inverse Universe

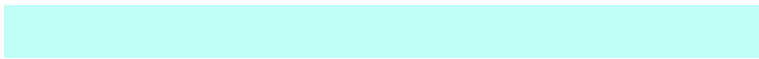
The Inverse Universe completely reimagines the original color for something new.



74.3740, 64.6751, 83.4274



70.8018, 58.7168, 78.5799



74.3888, 89.4829, 101.8743



18.4695, 18.1711, 21.0896



24.6637, 12.3548, 17.4115



2.4553, 1.2245, 1.9791

Previews

White Background



This preview shows how the XYZ color 74.3726, 64.6724, 83.4261 looks on a white background.

Color Contrast Check

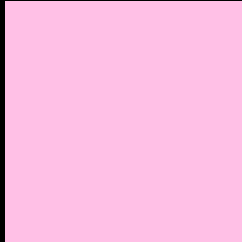
Large Text (above 18pt) WCAG AA × Fail

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 74.3726, 64.6724, 83.4261 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 74.3726, 64.6724, 83.4261

Background



This preview shows how black text looks on a background with the XYZ color 74.3726, 64.6724, 83.4261.



This preview shows how white text looks on a background with the XYZ color 74.3726, 64.6724,

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

74.3726, 64.6724, 83.4261

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

66.2663, 64.9521, 82.4432



Tritanopia

71.6560, 64.5660, 69.6586

Trichromacy



Original Color

74.3726, 64.6724, 83.4261



Protanomaly

67.0734, 64.5143, 89.0381



Deuteranomaly

69.0581, 64.6279, 82.9634



Tritanomaly

72.6892, 64.6642, 74.2959

Monochromacy



Original Color

74.3726, 64.6724, 83.4261



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.8642, 66.6159, 76.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3726, 64.6724, 83.4261 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.3726, 64.6724, 83.4261 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, 230) }
```


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

```
.border{ border-color:rgb(255, 192, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3726, 64.6724, 83.4261 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
192, 230) }
```

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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