

Converting Colors

XYZ(72.9042, 64.0173, 75.9024)

Have a look what the booklet for
XYZ(72.9042, 64.0173, 75.9024)
contains.

XYZ(73.0079, 64.1266, 76.2399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0079, 64.1266,
76.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0DC
RGB	255, 192, 220
RGB Percent	100%, 75%, 86%
CMY	0.0000, 0.2470, 0.1372
CMYK	0.00, 0.25, 0.14, 0.00
HSL	333°, 100%, 88%
HSV	333°, 25%, 100%
XYZ	73.0079, 64.1266, 76.2399
YIQ	214.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

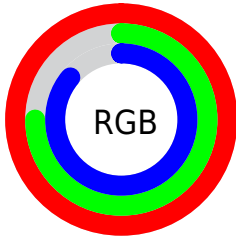
Format	Color
R _Y B	255, 192, 220
Decimal	16761052
CIE Lab	84.03, 26.74, -5.13
CIE LCh	84, 27.227, 349.141
Yxy	64.1266, 0.3422, 0.3005
Android (android.graphics.Color)	4294951132 (0xFFFFC0DC)
YUV	214.0290, 2.9437, 35.9316
Hunter-Lab	80.0791, 22.5996, -0.3921

Details

The XYZ color **73.0079, 64.1266, 76.2399** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3656, 88.2736, 85.9537**, and the grayscale version is **63.9048, 67.2328, 73.2165**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.1687, 32.8993, 39.8831** is the 20% darker color. If you saturate the color by 10%, you get **66.0888, 53.1650, 65.0653**, and if you desaturate by 10%, it is **81.0591, 77.0973, 88.5781**.

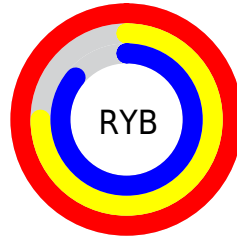
Distribution



Red (100%)

Green (75%)

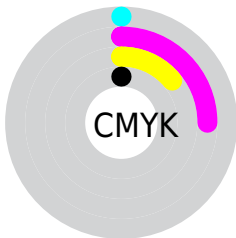
Blue (86%)



Red (100%)

Yellow (75%)

Blue (86%)

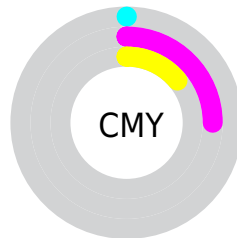


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0079, 64.1266, 76.2399 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 73.0079, 64.1266, 76.2399 by changing the saturation by 10% instead.


 73.0079, 64.1266,
76.2399

 73.0079, 64.1266,
76.2399


460.1456,
439.6467, 501.5372

 54.2708, 46.7532,
56.1214


 122.4915,
110.7932, 129.8292

 39.0498, 32.8406,
39.8956

153.9687,
140.8553, 164.1370

 26.9793, 22.0044,
27.1440


190.4234,
175.9157, 204.0117

 17.6942, 13.8601,
17.4480

232.2208,
216.3588, 249.8718

 10.8290, 8.0234,
10.3891

279.7264,
262.5691, 302.1359

 6.0184, 4.1099,
5.5487

333.3055,

 2.8971, 1.7353,

314.9309, 361.2225

2.5084

393.3234,
373.8286, 427.5500

■ 1.0996, 0.4463,
0.8446

■ 0.0247, 0.0000,
0.0000

■ 73.0079, 64.1266,
76.2399

■ 73.0079, 64.1266,
76.2399

■ 66.0888, 53.1650,
65.0653

■ 81.0591, 77.0973,
88.5781

■ 60.2433, 44.1026,
55.0130

■ 90.2879, 92.1631,
102.1113

■ 55.4142, 36.8315,
46.0446

95.0500, 100.0000,
108.9000

■ 51.5373, 31.2296,
38.1177

■ 48.5400, 27.1593,
31.1862

■ 46.3386, 24.4606,
25.1993

■ 44.8312, 22.9372,
20.0986

■ 44.2390, 22.4596,
17.7223

Harmonies

Analogous

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



70.1070, 64.1266, 93.7673



73.0079, 64.1266, 76.2399



72.5222, 64.1266, 59.5317

Triad

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



73.0079, 64.1266, 76.2399



57.2422, 64.1266, 43.0104



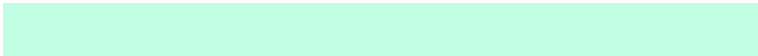
53.7045, 64.1266, 97.9382

Complementary

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



73.0079, 64.1266, 76.2399



71.3656, 88.2736, 85.9537

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.



50.6801, 64.1266, 81.2368



73.0079, 64.1266, 76.2399



52.6280, 64.1266, 50.3470

Square

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



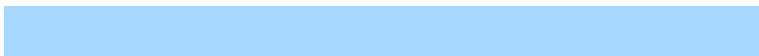
73.0079, 64.1266, 76.2399



63.1517, 64.1266, 42.1218



50.2994, 64.1266, 63.7766



58.8009, 64.1266, 107.5944

Rectangle

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



73.0079, 64.1266, 76.2399



70.3516, 64.1266, 50.9603



50.2994, 64.1266, 63.7766



52.4265, 64.1266, 92.8458

Sweetspot

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



73.0094, 64.1293, 76.2412



88.0617, 88.5129, 98.8958



68.4701, 61.1965, 102.8111



18.7259, 18.7441, 20.9892



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.



73.0094, 64.1293, 76.2412



69.2066, 58.0787, 70.1796



70.3051, 64.1661, 58.5526



18.3448, 18.1212, 20.4329



23.1882, 11.7646, 9.6416



2.3117, 1.1671, 1.2229

Inverse Universe

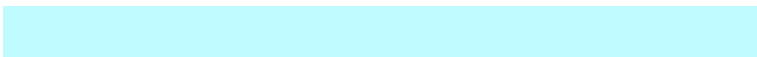
The Inverse Universe completely reimagines the original color for something new.



73.0094, 64.1293, 76.2412



69.2066, 58.0787, 70.1796



74.5532, 87.9541, 107.6552



18.3448, 18.1212, 20.4329



23.1882, 11.7646, 9.6416



2.3117, 1.1671, 1.2229

Previews

White Background



This preview shows how the XYZ color 73.0079, 64.1266, 76.2399 looks on a white background.

Color Contrast Check

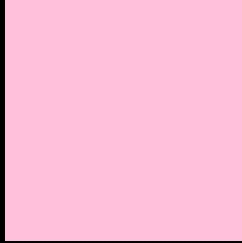
Large Text (above 18pt) WCAG AA × Fail

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 73.0079, 64.1266, 76.2399 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 73.0079, 64.1266, 76.2399

Background



This preview shows how black text looks on a background with the XYZ color 73.0079, 64.1266, 76.2399.



This preview shows how white text looks on a background with the XYZ color 73.0079, 64.1266,

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

73.0079, 64.1266, 76.2399

Protanopia

62.8512, 64.2348, 83.9489

Deuteranopia

65.9263, 64.5786, 75.3199



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

73.0079, 64.1266, 76.2399

Protanomaly

65.8993, 63.7396, 80.7812

Deuteranomaly

68.3655, 64.4276, 75.8503

Tritanomaly

71.9533, 64.0149, 71.5145

Monochromacy



Original Color

73.0079, 64.1266, 76.2399

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.7791, 65.7585, 74.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0079, 64.1266, 76.2399 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.0079, 64.1266, 76.2399 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, 220) }
```


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

```
.border{ border-color:rgb(255, 192, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0079, 64.1266, 76.2399 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
192, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor