

Converting Colors

XYZ(72.2329, 64.0845, 74.8921)

Have a look what the booklet for
XYZ(72.2329, 64.0845, 74.8921)
contains.

XYZ(72.2329, 64.0845, 74.8921)	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(72.2329, 64.0845,
74.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC1DA
RGB	253, 193, 218
RGB Percent	99%, 76%, 85%
CMY	0.0078, 0.2431, 0.1451
CMYK	0.00, 0.24, 0.14, 0.01
HSL	335°, 94%, 87%
HSV	335°, 24%, 99%
XYZ	72.2329, 64.0845, 74.8921
YIQ	213.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

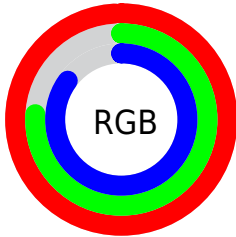
Format	Color
R _Y B	253, 193, 218
Decimal	16630234
CIE Lab	84.01, 25.21, -4.11
CIE LCh	84, 25.541, 350.730
Yxy	64.0845, 0.3420, 0.3034
Android (android.graphics.Color)	4294820314 (0xFFFD C1DA)
YUV	213.7900, 2.0755, 34.3872
Hunter-Lab	80.0528, 20.9710, 0.5692

Details

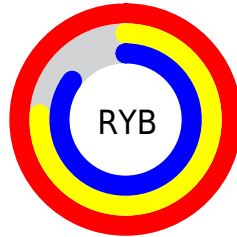
The XYZ color **72.2329, 64.0845, 74.8921** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1238, 87.1912, 86.4839**, and the grayscale version is **63.7503, 67.0703, 73.0395**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.6084, 32.8453, 38.9552** is the 20% darker color. If you saturate the color by 10%, you get **65.2651, 53.1029, 63.4611**, and if you desaturate by 10%, it is **80.3331, 77.0540, 87.5506**.

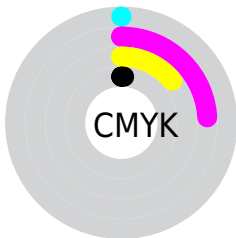
Distribution



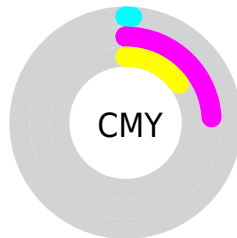
- Red (99%)
- Green (76%)
- Blue (85%)



- Red (99%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2329, 64.0845, 74.8921 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 72.2329, 64.0845, 74.8921 by changing the saturation by 10% instead.


 72.2329, 64.0845,
74.8921

 72.2329, 64.0845,
74.8921

457.4969,
439.4947, 496.7921

 53.6351, 46.7191,
55.0233

 121.3966,
110.7326, 127.9053

 38.5395, 32.8137,
39.0217


152.6932,
140.7841, 161.8868

 26.5808, 21.9837,
26.4686


188.9535,
175.8332, 201.4096

 17.3936, 13.8449,
16.9456

230.5427,
216.2641, 246.8922

 10.6125, 8.0129,
10.0342

277.8263,
262.4613, 298.7533

 5.8723, 4.1032,
5.3157

331.1697,

 2.8075, 1.7315,

314.8093, 357.4112

2.3717

390.9381,
373.6922, 423.2847

■ 1.0528, 0.4439,
0.7710

■ 0.0000, 0.0000,
0.0000

■ 72.2329, 64.0845,
74.8921

■ 72.2329, 64.0845,
74.8921

■ 65.2651, 53.1029,
63.4611

■ 80.3331, 77.0540,
87.5506

■ 59.3711, 44.0015,
53.2139

■ 89.6096, 92.0950,
101.4704

■ 54.4950, 36.6752,
44.1096

■ 94.3184, 99.6229,
108.8658

■ 50.5735, 31.0054,
36.1032

■ 47.5359, 26.8584,
29.1460

■ 45.3005, 24.0798,
23.1843

■ 43.7687, 22.4812,
18.1571

■ 43.0791, 21.9111,
15.4330

Harmonies

Analogous

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



69.6826, 64.0845, 91.3017



72.2329, 64.0845, 74.8921



71.6078, 64.0845, 59.3670

Triad

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



72.2329, 64.0845, 74.8921



57.1579, 64.0845, 44.6092



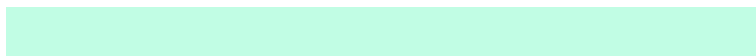
54.3111, 64.0845, 96.6402

Complementary

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



72.2329, 64.0845, 74.8921



71.1238, 87.1912, 86.4839

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.



51.3352, 64.0845, 81.3382



72.2329, 64.0845, 74.8921



52.9071, 64.0845, 51.9330

Square

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



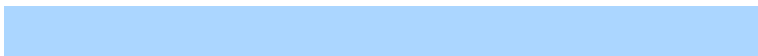
72.2329, 64.0845, 74.8921



62.6711, 64.0845, 43.4305



50.8376, 64.0845, 64.9005



59.1829, 64.0845, 105.0713

Rectangle

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



72.2329, 64.0845, 74.8921



69.4888, 64.0845, 51.4374



50.8376, 64.0845, 64.9005



53.0687, 64.0845, 92.0278

Sweetspot

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



72.2347, 64.0874, 74.8934



87.9860, 88.4826, 98.4973



68.7970, 61.7289, 101.2183



18.7084, 18.7371, 20.8969



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.



72.2347, 64.0874, 74.8934



70.3518, 60.1968, 71.0930



70.3300, 65.1240, 59.3189



18.3232, 18.1126, 20.3194



22.9849, 11.6833, 8.5710



2.2909, 1.1587, 1.1133

Inverse Universe

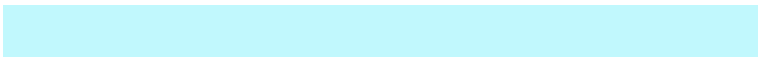
The Inverse Universe completely reimagines the original color for something new.



72.2347, 64.0874, 74.8934



70.3518, 60.1968, 71.0930



73.2915, 85.5659, 105.5824



18.3232, 18.1126, 20.3194



22.9849, 11.6833, 8.5710



2.2909, 1.1587, 1.1133

Previews

White Background



This preview shows how the XYZ color 72.2329, 64.0845, 74.8921 looks on a white background.

Color Contrast Check

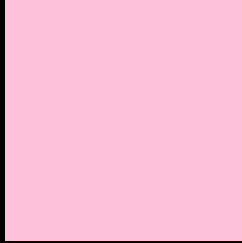
Large Text (above 18pt) WCAG AA × Fail

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 72.2329, 64.0845, 74.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

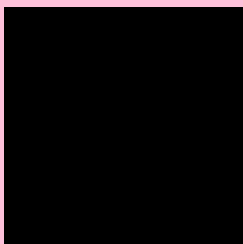
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2329, 64.0845, 74.8921

Background



This preview shows how black text looks on a background with the XYZ color 72.2329, 64.0845, 74.8921.



This preview shows how white text looks on a background with the XYZ color 72.2329, 64.0845,

74.8921.

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

72.2329, 64.0845, 74.8921

Protanopia

62.4334, 64.0677, 81.7488

Deuteranopia

65.4292, 64.0006, 73.8706



Tritanopia

70.9453, 63.8825, 68.9129

Trichromacy



Original Color

72.2329, 64.0845, 74.8921

Protanomaly

65.5510, 63.9410, 79.4079

Deuteranomaly

67.5399, 63.6895, 74.3792

Tritanomaly

71.3203, 64.0325, 70.8879

Monochromacy



Original Color

72.2329, 64.0845, 74.8921

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.3320, 65.5429, 73.4450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2329, 64.0845, 74.8921 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(253, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(253, 193, 218)  
}
```

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(253, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 193, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.2329, 64.0845, 74.8921 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(253, 193, 218) }
```


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

```
.border{ border-color:rgb(253, 193, 218) }
```

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

Here you see how a box with a 4 pixel rgb(253, 193, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(253, 193,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2329, 64.0845, 74.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 193, 218) }
```

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

```
.background{ background-color: rgb(253,  
193, 218) }
```

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