

Converting Colors

XYZ(71.6238, 64.1500, 74.2534)

Have a look what the booklet for
XYZ(71.6238, 64.1500, 74.2534)
contains.

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Color

**XYZ(71.5998, 64.1026,
74.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC2D9
RGB	251, 194, 217
RGB Percent	98%, 76%, 85%
CMY	0.0157, 0.2392, 0.1490
CMYK	0.00, 0.23, 0.14, 0.02
HSL	336°, 88%, 87%
HSV	336°, 23%, 98%
XYZ	71.5998, 64.1026, 74.2450
YIQ	213.6650, 26.5890, 19.2370

Conversions

Conversions Part 2

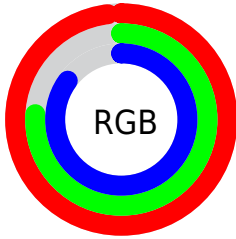
Format	Color
R_{YB}	251, 194, 217
Decimal	16499417
CIE _{Lab}	84.02, 23.83, -3.59
CIE _{LCh}	84, 24.099, 351.437
Yxy	64.1026, 0.3410, 0.3053
Android (android.graphics.Color)	4294689497 (0xFFFB _{C2D9})
YUV	213.6650, 1.6442, 32.7428
Hunter-Lab	80.0641, 19.5170, 1.0641

Details

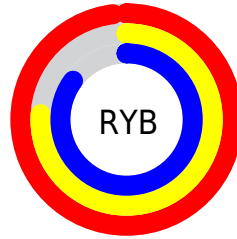
The XYZ color **71.5998, 64.1026, 74.2450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7515, 86.0667, 86.2863**, and the grayscale version is **63.6698, 66.9856, 72.9473**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.1478, 32.8341, 38.5094** is the 20% darker color. If you saturate the color by 10%, you get **64.6184, 53.1160, 62.7413**, and if you desaturate by 10%, it is **79.7050, 77.0526, 86.9966**.

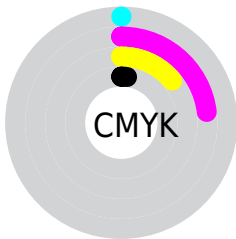
Distribution



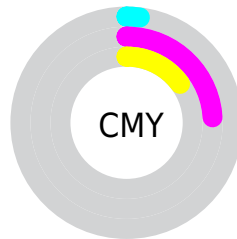
- Red (98%)
- Green (76%)
- Blue (85%)



- Red (98%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5998, 64.1026, 74.2450 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 71.5998, 64.1026, 74.2450 by changing the saturation by 10% instead.


 71.5998, 64.1026,
74.2450

 71.5998, 64.1026,
74.2450


455.3267,
439.5601, 494.5045

 53.1161, 46.7338,
54.4966


 120.5013,
110.7587, 126.9803

 38.1233, 32.8252,
38.6029

151.6498,
140.8147, 160.8043

 26.2561, 21.9926,
26.1455


187.7506,
175.8687, 200.1572

 17.1490, 13.8515,
16.7058

229.1690,
216.3048, 245.4575

 10.4367, 8.0174,
9.8652

276.2705,
262.5077, 297.1239

 5.7540, 4.1061,
5.2053

329.4204,

 2.7353, 1.7331,

314.8616, 355.5748

2.3074

388.9840,
373.7509, 421.2289

■ 1.0154, 0.4449,
0.7353

■ 0.0000, 0.0000,
0.0000

■ 71.5998, 64.1026,
74.2450

■ 71.5998, 64.1026,
74.2450

■ 64.6184, 53.1160,
62.7413

■ 79.7050, 77.0526,
86.9966

■ 58.7034, 43.9874,
52.4410

■ 88.9771, 92.0471,
101.0306

■ 53.8001, 36.6148,
43.3028

■ 93.5939, 99.2494,
108.8319

■ 49.8468, 30.8829,
35.2808

■ 46.7744, 26.6621,
28.3257

■ 44.5040, 23.8033,
22.3832

■ 42.9404, 22.1260,
17.3921

■ 42.1461, 21.4542,
14.3010

Harmonies

Analogous

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



69.2711, 64.1026, 89.6729



71.5998, 64.1026, 74.2450



70.9415, 64.1026, 59.6392

Triad

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



71.5998, 64.1026, 74.2450



57.2691, 64.1026, 45.9489



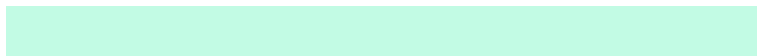
54.7778, 64.1026, 95.2685

Complementary

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



71.5998, 64.1026, 74.2450



70.7515, 86.0667, 86.2863

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.



51.9034, 64.1026, 81.0469



71.5998, 64.1026, 74.2450



53.2825, 64.1026, 53.0988

Square

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



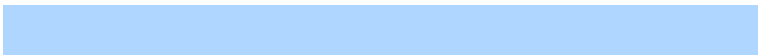
71.5998, 64.1026, 74.2450



62.4616, 64.1026, 44.6757



51.3723, 64.1026, 65.5300



59.4189, 64.1026, 102.9151

Rectangle

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



71.5998, 64.1026, 74.2450



68.9128, 64.1026, 52.1673



51.3723, 64.1026, 65.5300



53.5844, 64.1026, 91.0084

Sweetspot

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



71.6016, 64.1055, 74.2463



87.9503, 88.4683, 98.3089



68.4643, 61.9235, 99.6113



18.7001, 18.7338, 20.8534



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.



71.6016, 64.1055, 74.2463



70.9590, 61.2924, 71.6611



69.8895, 65.1392, 59.9321



17.5348, 17.3413, 19.4060



22.2211, 11.3042, 7.8726



2.1090, 1.0673, 0.9972

Inverse Universe

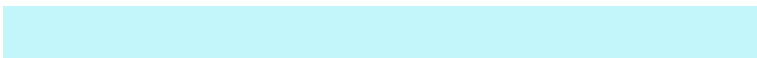
The Inverse Universe completely reimagines the original color for something new.



71.6016, 64.1055, 74.2463



70.9590, 61.2924, 71.6611



72.6946, 84.4997, 103.7460



17.5348, 17.3413, 19.4060



22.2211, 11.3042, 7.8726



2.1090, 1.0673, 0.9972

Previews

White Background



This preview shows how the XYZ color 71.5998, 64.1026, 74.2450 looks on a white background.

Color Contrast Check

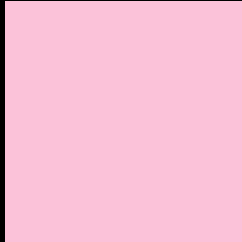
Large Text (above 18pt) WCAG AA × Fail

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 71.5998, 64.1026, 74.2450 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 71.5998, 64.1026, 74.2450

Background



This preview shows how black text looks on a background with the XYZ color 71.5998, 64.1026, 74.2450.



This preview shows how white text looks on a background with the XYZ color 71.5998, 64.1026,

74.2450.

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

71.5998, 64.1026, 74.2450

Protanopia

62.8224, 64.6472, 81.1186

Deuteranopia

65.6166, 64.1121, 73.2065



Tritanopia

70.5723, 64.0074, 69.6079

Trichromacy



Original Color

71.5998, 64.1026, 74.2450

Protanomaly

65.6526, 64.3607, 78.7746

Deuteranomaly

67.6410, 64.0993, 73.7731

Tritanomaly

70.9497, 64.1583, 71.5951

Monochromacy



Original Color

71.5998, 64.1026, 74.2450

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.2571, 65.8628, 73.5107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5998, 64.1026, 74.2450 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(251, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 194, 217)  
}
```

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(251, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 194, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.5998, 64.1026, 74.2450 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(251, 194, 217) }
```


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

```
.border{ border-color:rgb(251, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 194, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 194, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 194,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5998, 64.1026, 74.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 194, 217) }
```

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

```
.background{ background-color: rgb(251,  
194, 217) }
```

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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