

Converting Colors

XYZ(74.5809, 64.2301, 91.9101)

Have a look what the booklet for
XYZ(74.5809, 64.2301, 91.9101)
contains.

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Color

**XYZ(74.6529, 64.3079,
91.6971)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBFF1
RGB	252, 191, 241
RGB Percent	99%, 75%, 95%
CMY	0.0118, 0.2510, 0.0549
CMYK	0.00, 0.24, 0.04, 0.01
HSL	311°, 91%, 87%
HSV	311°, 24%, 99%
XYZ	74.6529, 64.3079, 91.6971
YIQ	214.9390, 20.3060, 28.4820

Conversions

Conversions Part 2

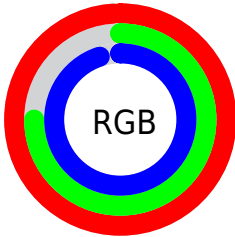
Format	Color
R _Y B	252, 191, 241
Decimal	16564209
CIE Lab	84.13, 29.75, -16.24
CIE LCh	84, 33.891, 331.370
Yxy	64.3079, 0.3237, 0.2788
Android (android.graphics.Color)	4294754289 (0xFFFCBFF1)
YUV	214.9390, 12.8481, 32.5025
Hunter-Lab	80.1922, 25.8337, -11.6616

Details

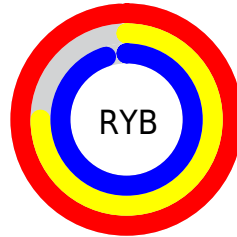
The XYZ color **74.6529, 64.3079, 91.6971** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9596, 84.9634, 68.7513**, and the grayscale version is **64.4579, 67.8147, 73.8502**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **40.2083, 32.9962, 50.1486** is the 20% darker color. If you saturate the color by 10%, you get **68.9531, 53.9802, 86.4900**, and if you desaturate by 10%, it is **81.3190, 76.5390, 97.3113**.

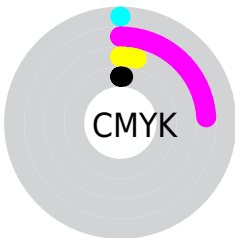
Distribution



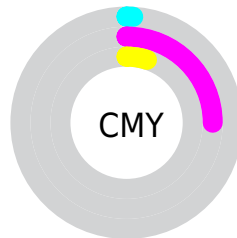
- Red (99%)
- Green (75%)
- Blue (95%)



- Red (99%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6529, 64.3079, 91.6971 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 74.6529, 64.3079, 91.6971 by changing the saturation by 10% instead.


 74.6529, 64.3079,
91.6971

 74.6529, 64.3079,
91.6971

465.7393,
440.3007, 554.2480

 55.6218, 46.9001,
68.8074


 124.8114,
111.0542, 151.6496

 40.1355, 32.9567,
50.0841


156.6696,
141.1616, 189.5494

 27.8289, 22.0933,
35.1086


193.5340,
176.2709, 233.2898

 18.3365, 13.9254,
23.4623

235.7702,
216.7665, 283.2892

 11.2930, 8.0688,
14.7268

283.7435,
263.0330, 339.9662

 6.3330, 4.1390,
8.4834

337.8192,

 3.0912, 1.7516,

315.4545, 403.7393

4.3136

398.3627,
374.4156, 475.0271

■ 1.2022, 0.4568,
1.7989

■ 0.1081, 0.0000,
0.4272

■ 74.6529, 64.3079,
91.6971

■ 74.6529, 64.3079,
91.6971

■ 68.9531, 53.9802,
86.4900

■ 81.3190, 76.5390,
97.3113

■ 64.1652, 45.4505,
81.6691

■ 88.9906, 90.7548,
103.3442

■ 60.2383, 38.6162,
77.2175

■ 93.8968, 99.4123,
108.5400

■ 57.1142, 33.3608,
73.1154

■ 93.9555, 99.4357,
108.8488

■ 54.7272, 29.5534,
69.3400

■ 53.0011, 27.0416,
65.8655

■ 51.8426, 25.6391,
62.6600

■ 51.3535, 25.1789,
60.8993

Harmonies

Analogous

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



68.9293, 64.3079, 111.4633



74.6529, 64.3079, 91.6971



76.6779, 64.3079, 69.0389

Triad

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



74.6529, 64.3079, 91.6971



60.7790, 64.3079, 36.3550



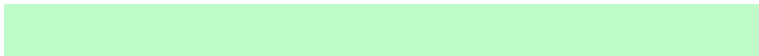
49.6340, 64.3079, 93.7568

Complementary

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



74.6529, 64.3079, 91.6971



66.9596, 84.9634, 68.7513

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.



47.8278, 64.3079, 71.0111



74.6529, 64.3079, 91.6971



53.9291, 64.3079, 40.3818

Square

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



74.6529, 64.3079, 91.6971



68.2851, 64.3079, 39.7024



49.3349, 64.3079, 52.0611



54.4796, 64.3079, 112.8131

Rectangle

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



74.6529, 64.3079, 91.6971



75.5368, 64.3079, 56.0425



49.3349, 64.3079, 52.0611



48.6699, 64.3079, 86.1483

Sweetspot

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



74.6548, 64.3107, 91.6985



89.1036, 88.9297, 104.3823



60.3365, 56.7337, 99.8674



18.9674, 18.8407, 22.2609



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.



74.6548, 64.3107, 91.6985



73.7505, 60.7187, 91.5723



70.5777, 62.6799, 70.2287



17.8508, 17.4677, 21.0702



26.8005, 13.1359, 31.9875



2.5160, 1.2302, 3.1409

Inverse Universe

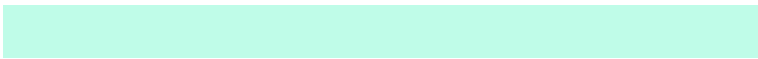
The Inverse Universe completely reimagines the original color for something new.



74.6548, 64.3107, 91.6985



73.7505, 60.7187, 91.5723



70.8168, 86.5063, 89.0630



17.8508, 17.4677, 21.0702



26.8005, 13.1359, 31.9875



2.5160, 1.2302, 3.1409

Previews

White Background



This preview shows how the XYZ color 74.6529, 64.3079, 91.6971 looks on a white background.

Color Contrast Check

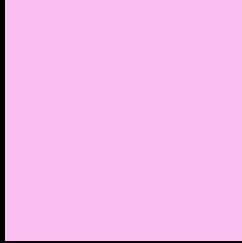
Large Text (above 18pt) WCAG AA × Fail

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 74.6529, 64.3079, 91.6971 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 74.6529, 64.3079, 91.6971

Background



This preview shows how black text looks on a background with the XYZ color 74.6529, 64.3079, 91.6971.



This preview shows how white text looks on a background with the XYZ color 74.6529, 64.3079,

91.6971.

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

74.6529, 64.3079, 91.6971

Protanopia

64.2140, 64.5575, 101.1719

Deuteranopia

65.8792, 64.5874, 89.8833



Tritanopia

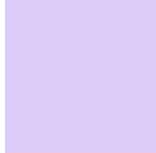
70.2092, 64.1395, 70.3077

Trichromacy



Original Color

74.6529, 64.3079, 91.6971



Protanomaly

67.5790, 64.2340, 97.6435



Deuteranomaly

68.8674, 64.3635, 90.4551



Tritanomaly

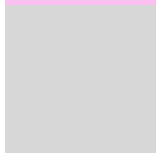
71.5435, 63.9972, 77.6892

Monochromacy



Original Color

74.6529, 64.3079, 91.6971



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.5208, 66.0184, 79.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6529, 64.3079, 91.6971 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(252, 191, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 191, 241)  
}
```

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(252, 191, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 191, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.6529, 64.3079, 91.6971 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(252, 191, 241) }
```


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

```
.border{ border-color:rgb(252, 191, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 191, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 191, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 191, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 191,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6529, 64.3079, 91.6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 191, 241) }
```

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

```
.background{ background-color: rgb(252,  
191, 241) }
```

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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