

Converting Colors

XYZ(74.1831, 65.1275,
103.2687)

Have a look what the booklet for
XYZ(74.1831, 65.1275, 103.2687)
contains.

XYZ(74.1831, 65.1275, 103.2687)	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(74.1831, 65.1275,
103.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C3FF
RGB	242, 195, 255
RGB Percent	95%, 76%, 100%
CMY	0.0510, 0.2353, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	287°, 100%, 88%
HSV	287°, 24%, 100%
XYZ	74.1831, 65.1275, 103.2687
YIQ	215.8930, 8.7520, 28.6240

Conversions

Conversions Part 2

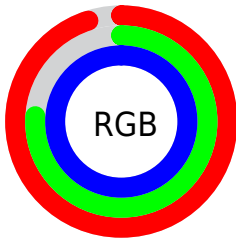
Format	Color
R _Y B	242, 195, 255
Decimal	15909887
CIE Lab	84.55, 26.95, -23.14
CIE LCh	85, 35.523, 319.351
Yxy	65.1275, 0.3058, 0.2685
Android (android.graphics.Color)	4294099967 (0xFFFF2C3FF)
YUV	215.8930, 19.2798, 22.8958
Hunter-Lab	80.7016, 22.8542, -19.3785

Details

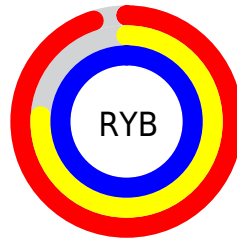
The XYZ color **74.1831, 65.1275, 103.2687** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6243, 88.8708, 65.0117**, and the grayscale version is **65.0679, 68.4565, 74.5491**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.7255, 33.4413, 57.7871** is the 20% darker color. If you saturate the color by 10%, you get **67.0830, 53.6990, 101.4370**, and if you desaturate by 10%, it is **82.3198, 78.5421, 105.4292**.

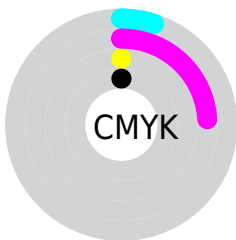
Distribution



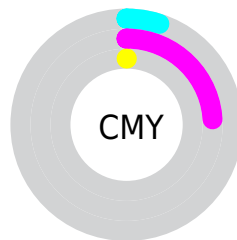
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1831, 65.1275, 103.2687 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 74.1831, 65.1275, 103.2687 by changing the saturation by 10% instead.

74.1831, 65.1275,
103.2687

74.1831, 65.1275,
103.2687

464.1456,
443.2500, 591.9583

55.2357, 47.5645,
78.4011

124.1494,
112.2331, 167.7328

39.8251, 33.4821,
57.8851

155.8991,
142.5445, 208.1665

27.5858, 22.4960,
41.3022

192.6469,
177.8742, 254.6259

18.1525, 14.2218,
28.2338

234.7582,
218.6065, 307.5296

11.1599, 8.2751,
18.2614

282.5984,
265.1258, 367.2962

6.2426, 4.2715,
10.9665

336.5328,

3.0352, 1.8266,

317.8166, 434.3441

5.9304

396.9268,
377.0632, 509.0920

■ 1.1724, 0.5036,
2.7347

■ 0.0844, 0.0000,
0.9608

■ 74.1831, 65.1275,
103.2687

■ 74.1831, 65.1275,
103.2687

■ 67.0830, 53.6990,
101.4370

■ 82.3198, 78.5421,
105.4292

■ 60.9638, 44.1492,
99.9162

■ 91.5341, 94.0271,
107.9324

■ 55.7731, 36.3727,
98.6888

95.0500, 100.0000,
108.9000

■ 51.4508, 30.2502,
97.7349

■ 47.9296, 25.6479,
97.0321

■ 45.1314, 22.4104,
96.5547

■ 42.9613, 20.3486,
96.2711

■ 41.8037, 19.4655,
96.1617

Harmonies

Analogous

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



67.0834, 65.1275, 120.5059



74.1831, 65.1275, 103.2687



78.0979, 65.1275, 79.2772

Triad

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



74.1831, 65.1275, 103.2687



64.7573, 65.1275, 36.1200



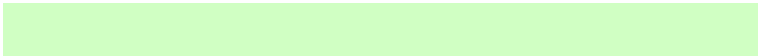
48.6226, 65.1275, 86.3598

Complementary

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



74.1831, 65.1275, 103.2687



71.6243, 88.8708, 65.0117

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.



48.1155, 65.1275, 63.1584



74.1831, 65.1275, 103.2687



56.9940, 65.1275, 37.2228

Square

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



74.1831, 65.1275, 103.2687



72.3559, 65.1275, 42.7146



51.0567, 65.1275, 46.1378



52.5064, 65.1275, 109.3946

Rectangle

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



74.1831, 65.1275, 103.2687



78.1678, 65.1275, 64.0633



51.0567, 65.1275, 46.1378



48.0649, 65.1275, 78.2339

Sweetspot

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



74.1849, 65.1302, 103.2692



88.2091, 88.4092, 107.0233



63.1140, 63.9366, 103.6223



18.7596, 18.7198, 22.8745



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.



74.1849, 65.1302, 103.2692



70.8837, 59.7783, 102.4101



76.1891, 66.4658, 89.7037



18.3849, 18.0902, 22.7727



21.9752, 10.2391, 50.2527



2.2307, 1.0439, 4.8972

Inverse Universe

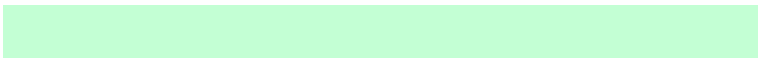
The Inverse Universe completely reimagines the original color for something new.



72.1419, 64.8469, 68.3911



68.6143, 59.5018, 61.9435



70.1512, 87.8765, 75.5544



18.1704, 18.0515, 19.5146



21.9567, 11.2720, 3.1563



2.1761, 1.1128, 0.5089

Previews

White Background



This preview shows how the XYZ color 74.1831, 65.1275, 103.2687 looks on a white background.

Color Contrast Check

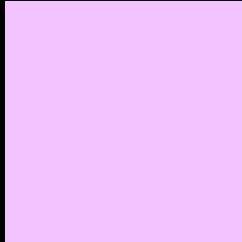
Large Text (above 18pt) WCAG AA × Fail

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 74.1831, 65.1275, 103.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

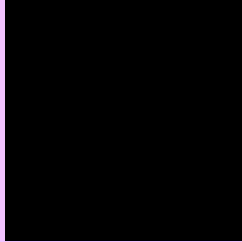
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1831, 65.1275, 103.2687

Background



This preview shows how black text looks on a background with the XYZ color 74.1831, 65.1275, 103.2687.



This preview shows how white text looks on a background with the XYZ color 74.1831, 65.1275,

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

74.1831, 65.1275, 103.2687

Protanopia

65.1840, 65.7307, 103.8595

Deuteranopia

66.6649, 65.0833, 101.9772



Tritanopia

68.3675, 65.1359, 75.2988

Trichromacy



Original Color

74.1831, 65.1275, 103.2687

Protanomaly

68.2002, 65.4816, 103.6524

Deuteranomaly

69.1341, 64.9264, 102.6542

Tritanomaly

70.1071, 64.7935, 84.4127

Monochromacy



Original Color

74.1831, 65.1275, 103.2687

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.8901, 66.8325, 84.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1831, 65.1275, 103.2687 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(242, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 255)  
}
```

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(242, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1831, 65.1275, 103.2687 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(242, 195, 255) }
```


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

```
.border{ border-color:rgb(242, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1831, 65.1275, 103.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 255) }
```

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

```
.background{ background-color: rgb(242,  
195, 255) }
```

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