

Converting Colors

XYZ(74.7714, 65.1861, 84.4351)

Have a look what the booklet for
XYZ(74.7714, 65.1861, 84.4351)
contains.

XYZ(74.7338, 65.1695, 84.2414)	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(74.7338, 65.1695,
84.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E7
RGB	255, 193, 231
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2431, 0.0941
CMYK	0.00, 0.24, 0.09, 0.00
HSL	323°, 100%, 88%
HSV	323°, 24%, 100%
XYZ	74.7338, 65.1695, 84.2414
YIQ	215.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

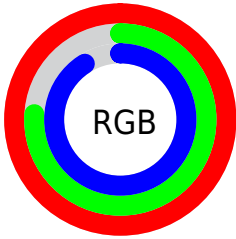
Format	Color
R_{YB}	255, 193, 231
Decimal	16761319
CIE _{Lab}	84.57, 27.99, -10.21
CIE _{LCh}	85, 29.798, 339.968
Yxy	65.1695, 0.3334, 0.2907
Android (android.graphics.Color)	4294951399 (0xFFFFC1E7)
YUV	215.8700, 7.4591, 34.3170
Hunter-Lab	80.7276, 23.9735, -5.3613

Details

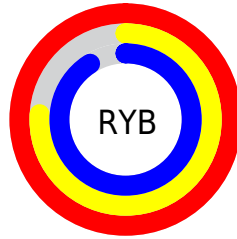
The XYZ color **74.7338, 65.1695, 84.2414** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2789, 87.8683, 78.9051**, and the grayscale version is **65.1222, 68.5137, 74.6114**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.2592, 33.5661, 44.9145** is the 20% darker color. If you saturate the color by 10%, you get **68.2201, 54.3106, 75.3847**, and if you desaturate by 10%, it is **82.3010, 78.0089, 93.8389**.

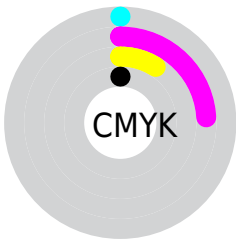
Distribution



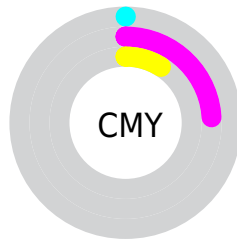
- Red (100%)
- Green (76%)
- Blue (91%)



- Red (100%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7338, 65.1695, 84.2414 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 74.7338, 65.1695, 84.2414 by changing the saturation by 10% instead.


 74.7338, 65.1695,
84.2414

 74.7338, 65.1695,
84.2414


466.0134,
443.4008, 529.1935

 55.6882, 47.5985,
62.6682

 124.9254,
112.2935, 141.1775

 40.1890, 33.5091,
45.1336

156.8021,
142.6153, 177.3776

 27.8708, 22.5167,
31.2189


193.6867,
177.9563, 219.2903

 18.3683, 14.2371,
20.5058

235.9443,
218.7006, 267.3343

 11.3160, 8.2857,
12.5755

283.9405,
265.2329, 321.9281

 6.3487, 4.2783,
7.0096

338.0405,

 3.1009, 1.8304,

317.9374, 383.4902

3.3896

398.6097,
377.1986, 452.4391

■ 1.2073, 0.5060,
1.2968

■ 0.1121, 0.0000,
0.0592

■ 74.7338, 65.1695,
84.2414

■ 74.7338, 65.1695,
84.2414

■ 68.2201, 54.3106,
75.3847

■ 82.3010, 78.0089,
93.8389

■ 62.7042, 45.3239,
67.2415

■ 90.9648, 92.9139,
104.1952

■ 58.1321, 38.1031,
59.7881

95.0500, 100.0000,
108.9000

■ 54.4424, 32.5275,
52.9972

■ 51.5662, 28.4617,
46.8392

■ 49.4236, 25.7478,
41.2803

■ 47.9167, 24.1930,
36.2807

■ 47.2650, 23.6700,
33.6572

Harmonies

Analogous

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



70.5143, 65.1695, 102.8493



74.7338, 65.1695, 84.2414



75.3930, 65.1695, 64.8128

Triad

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



74.7338, 65.1695, 84.2414



59.7568, 65.1695, 40.6831



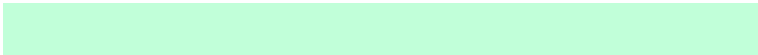
52.6589, 65.1695, 97.1464

Complementary

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



74.7338, 65.1695, 84.2414



70.2789, 87.8683, 78.9051

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.



50.1937, 65.1695, 77.4810



74.7338, 65.1695, 84.2414



54.0936, 65.1695, 46.4526

Square

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



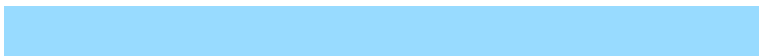
74.7338, 65.1695, 84.2414



66.4209, 65.1695, 41.8402



50.6995, 65.1695, 59.1509



57.6685, 65.1695, 111.1743

Rectangle

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



74.7338, 65.1695, 84.2414



73.6792, 65.1695, 54.2090



50.6995, 65.1695, 59.1509



51.5220, 65.1695, 90.8451

Sweetspot

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



74.7353, 65.1722, 84.2427



88.5249, 88.6982, 101.3349



65.6684, 60.0792, 102.7431



18.8331, 18.7870, 21.5540



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.



74.7353, 65.1722, 84.2427



71.5527, 59.8396, 79.9990



70.7646, 63.5839, 63.3332



18.4772, 18.1742, 21.1303



24.7723, 12.3982, 17.9832



2.4655, 1.2286, 2.0329

Inverse Universe

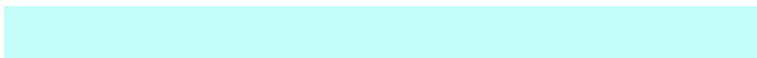
The Inverse Universe completely reimagines the original color for something new.



74.7353, 65.1722, 84.2427



71.5527, 59.8396, 79.9990



74.6611, 89.6211, 101.9814



18.4772, 18.1742, 21.1303



24.7723, 12.3982, 17.9832



2.4655, 1.2286, 2.0329

Previews

White Background



This preview shows how the XYZ color 74.7338, 65.1695, 84.2414 looks on a white background.

Color Contrast Check

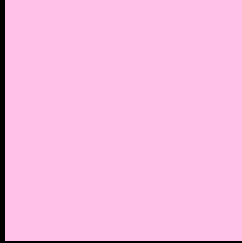
Large Text (above 18pt) WCAG AA × Fail

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 74.7338, 65.1695, 84.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

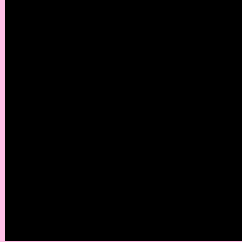
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7338, 65.1695, 84.2414

Background



This preview shows how black text looks on a background with the XYZ color 74.7338, 65.1695, 84.2414.



This preview shows how white text looks on a background with the XYZ color 74.7338, 65.1695,

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

74.7338, 65.1695, 84.2414

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

66.7146, 65.1671, 83.1910



Tritanopia

72.1316, 65.1160, 71.0542

Trichromacy



Original Color

74.7338, 65.1695, 84.2414



Protanomaly

67.7660, 65.2061, 89.9033



Deuteranomaly

69.4305, 65.1486, 83.7785



Tritanomaly

73.1743, 65.2155, 75.7490

Monochromacy



Original Color

74.7338, 65.1695, 84.2414



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.2401, 67.1552, 77.7722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7338, 65.1695, 84.2414 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, 193, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 231)  
}
```

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, 193, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.7338, 65.1695, 84.2414 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, 193, 231) }
```


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

```
.border{ border-color:rgb(255, 193, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7338, 65.1695, 84.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 231) }
```

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

```
.background{ background-color: rgb(255,  
193, 231) }
```

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