

Converting Colors

XYZ(80.4250, 68.2472, 82.1093)

Have a look what the booklet for
XYZ(80.4250, 68.2472, 82.1093)
contains.

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Color

**XYZ(74.3136, 65.0014,
82.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E4
RGB	255, 193, 228
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2431, 0.1059
CMYK	0.00, 0.24, 0.11, 0.00
HSL	326°, 100%, 88%
HSV	326°, 24%, 100%
XYZ	74.3136, 65.0014, 82.0286
YIQ	215.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

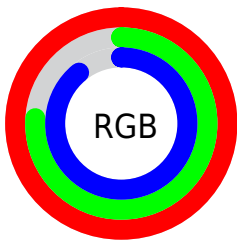
Format	Color
R _Y B	255, 193, 228
Decimal	16761316
CIE Lab	84.48, 27.50, -8.73
CIE LCh	84, 28.855, 342.380
Yxy	65.0014, 0.3357, 0.2937
Android (android.graphics.Color)	4294951396 (0xFFFFC1E4)
YUV	215.5280, 6.1487, 34.6169
Hunter-Lab	80.6234, 23.4390, -3.8869

Details

The XYZ color **74.3136, 65.0014, 82.0286** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6728, 88.0258, 80.9793**, and the grayscale version is **64.8980, 68.2778, 74.3545**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.0641, 33.4881, 43.8874** is the 20% darker color. If you saturate the color by 10%, you get **67.6625, 54.0875, 72.4484**, and if you desaturate by 10%, it is **82.0386, 77.9040, 92.4571**.

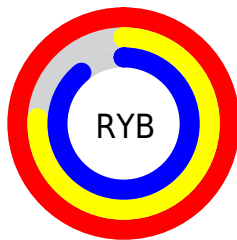
Distribution



Red (100%)

Green (76%)

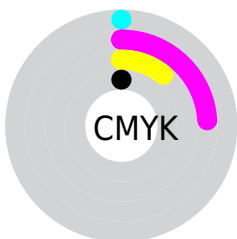
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

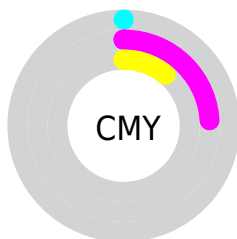


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3136, 65.0014, 82.0286 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 74.3136, 65.0014, 82.0286 by changing the saturation by 10% instead.


 74.3136, 65.0014,
82.0286

 74.3136, 65.0014,
82.0286


464.5886,
442.7970, 521.6293

 55.3429, 47.4622,
60.8532


 124.3334,
112.0519, 138.0511

 39.9113, 33.4012,
43.6769


156.1132,
142.3319, 173.7353

 27.6533, 22.4340,
30.0812


192.8934,
177.6278, 215.0929

 18.2036, 14.1761,
19.6477

235.0395,
218.3237, 262.5422

 11.1968, 8.2433,
11.9577

282.9167,
264.8043, 316.5020

 6.2676, 4.2510,
6.5927

336.8903,

 3.0507, 1.8149,

317.4537, 377.3908

3.1341

397.3259,
376.6565, 445.6270

■ 1.1806, 0.4965,
1.1635

■ 0.0910, 0.0000,
0.0000

■ 74.3136, 65.0014,
82.0286

■ 74.3136, 65.0014,
82.0286

■ 67.6625, 54.0875,
72.4484

■ 82.0386, 77.9040,
92.4571

■ 62.0290, 45.0539,
63.6861

■ 90.8811, 92.8804,
103.7547

■ 57.3586, 37.7937,
55.7151

95.0500, 100.0000,
108.9000

■ 53.5893, 32.1863,
48.5049

■ 50.6515, 28.0958,
42.0224

■ 48.4646, 25.3642,
36.2305

■ 46.9302, 23.7984,
31.0856

■ 46.2699, 23.2720,
28.4172

Harmonies

Analogous

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



70.4843, 65.0014, 100.2437



74.3136, 65.0014, 82.0286



74.6445, 65.0014, 63.4610

Triad

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



74.3136, 65.0014, 82.0286



59.1721, 65.0014, 41.5487



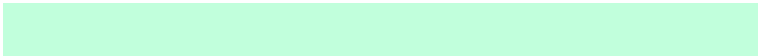
53.1022, 65.0014, 97.3884

Complementary

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



74.3136, 65.0014, 82.0286



70.6728, 88.0258, 80.9793

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.



50.4889, 65.0014, 78.6314



74.3136, 65.0014, 82.0286



53.8269, 65.0014, 47.7350

Square

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



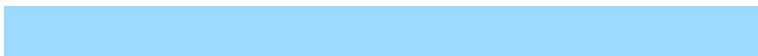
74.3136, 65.0014, 82.0286



65.5954, 65.0014, 42.1381



50.7447, 65.0014, 60.6017



58.1191, 65.0014, 110.1133

Rectangle

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



74.3136, 65.0014, 82.0286



72.8075, 65.0014, 53.4760



50.7447, 65.0014, 60.6017



51.9296, 65.0014, 91.4534

Sweetspot

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



74.3151, 65.0041, 82.0299



88.3911, 88.6446, 100.6303



66.5972, 60.5580, 102.7865



18.8021, 18.7746, 21.3908



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.



74.3151, 65.0041, 82.0299



71.0656, 59.6447, 77.4338



70.4053, 63.4402, 61.4413



18.4389, 18.1589, 20.9284



24.2534, 12.1907, 15.2508



2.4164, 1.2089, 1.7740

Inverse Universe

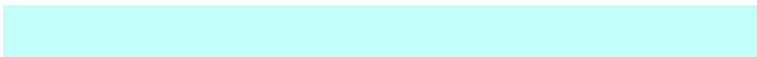
The Inverse Universe completely reimagines the original color for something new.



74.3151, 65.0041, 82.0299



71.0656, 59.6447, 77.4338



75.1455, 89.8149, 104.5324



18.4389, 18.1589, 20.9284



24.2534, 12.1907, 15.2508



2.4164, 1.2089, 1.7740

Previews

White Background



This preview shows how the XYZ color 74.3136, 65.0014, 82.0286 looks on a white background.

Color Contrast Check

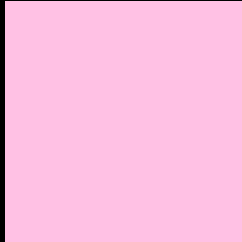
Large Text (above 18pt) WCAG AA × Fail

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 74.3136, 65.0014, 82.0286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

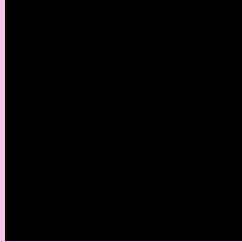
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3136, 65.0014, 82.0286

Background



This preview shows how black text looks on a background with the XYZ color 74.3136, 65.0014, 82.0286.



This preview shows how white text looks on a background with the XYZ color 74.3136, 65.0014,

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

74.3136, 65.0014, 82.0286

Protanopia

64.2113, 65.5316, 90.1535

Deuteranopia

66.6101, 65.1612, 81.0181



Tritanopia

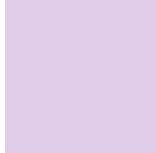
72.0058, 65.0657, 70.3918

Trichromacy



Original Color

74.3136, 65.0014, 82.0286



Protanomaly

67.1846, 64.9735, 86.8420



Deuteranomaly

69.3438, 65.1522, 81.5939



Tritanomaly

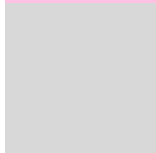
72.9125, 65.1108, 74.3704

Monochromacy



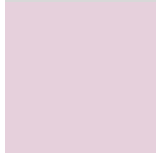
Original Color

74.3136, 65.0014, 82.0286



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.1073, 67.1021, 77.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3136, 65.0014, 82.0286 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.3136, 65.0014, 82.0286 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, 228) }
```


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

```
.border{ border-color:rgb(255, 193, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3136, 65.0014, 82.0286 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
193, 228) }
```

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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