

Converting Colors

XYZ(74.5997, 65.4017, 82.6539)

Have a look what the booklet for
XYZ(74.5997, 65.4017, 82.6539)
contains.

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Color

**XYZ(74.6746, 65.5007,
82.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E5
RGB	255, 194, 229
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2392, 0.1020
CMYK	0.00, 0.24, 0.10, 0.00
HSL	326°, 100%, 88%
HSV	326°, 24%, 100%
XYZ	74.6746, 65.5007, 82.8359
YIQ	216.2290, 25.1210, 23.8170

Conversions

Conversions Part 2

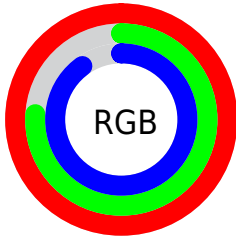
Format	Color
R _Y B	255, 194, 229
Decimal	16761573
CIE Lab	84.74, 27.14, -8.89
CIE LCh	85, 28.558, 341.869
Yxy	65.5007, 0.3348, 0.2937
Android (android.graphics.Color)	4294951653 (0xFFFFC2E5)
YUV	216.2290, 6.2961, 34.0022
Hunter-Lab	80.9325, 23.0661, -4.0316

Details

The XYZ color **74.6746, 65.5007, 82.8359** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9286, 88.1577, 80.9912**, and the grayscale version is **65.3741, 68.7787, 74.9000**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **40.3068, 33.8179, 44.4475** is the 20% darker color. If you saturate the color by 10%, you get **68.0084, 54.5213, 73.3594**, and if you desaturate by 10%, it is **82.4127, 78.4711, 93.1402**.

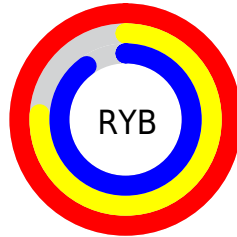
Distribution



Red (100%)

Green (76%)

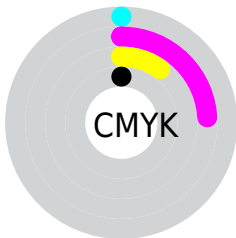
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

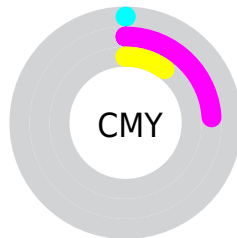


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6746, 65.5007, 82.8359 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 74.6746, 65.5007, 82.8359 by changing the saturation by 10% instead.


 74.6746, 65.5007,
82.8359

 74.6746, 65.5007,
82.8359


465.8128,
444.5891, 524.3961

 55.6396, 47.8672,
61.5150


 124.8420,
112.7694, 139.1928

 40.1499, 33.7217,
44.2076


156.7051,
143.1734, 175.0658

 27.8402, 22.6799,
30.4954


193.5750,
178.6030, 216.6266

 18.3450, 14.3573,
19.9597

235.8169,
219.4426, 264.2937

 11.2992, 8.3696,
12.1819

283.7963,
266.0766, 318.4857

 6.3372, 4.3324,
6.7437

337.8785,

 3.0938, 1.8612,

318.8895, 379.6210

3.2263

398.4289,
378.2655, 448.1183

■ 1.2036, 0.5249,
1.2113

■ 0.1092, 0.0000,
0.0000

■ 74.6746, 65.5007,
82.8359

■ 74.6746, 65.5007,
82.8359

■ 68.0084, 54.5213,
73.3594

■ 82.4127, 78.4711,
93.1402

■ 62.3580, 45.4246,
64.6811

■ 91.2658, 93.5171,
104.2925

■ 57.6690, 38.1043,
56.7748

95.0500, 100.0000,
108.9000

■ 53.8800, 32.4403,
49.6112

■ 50.9219, 28.2974,
43.1578

■ 48.7146, 25.5189,
37.3783

■ 47.1609, 23.9132,
32.2305

■ 46.4522, 23.3449,
29.3769

Harmonies

Analogous

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



70.8198, 65.5007, 100.8537



74.6746, 65.5007, 82.8359



75.0673, 65.5007, 64.3257

Triad

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



74.6746, 65.5007, 82.8359



59.7641, 65.5007, 42.1351



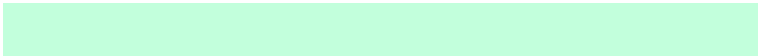
53.5501, 65.5007, 97.4690

Complementary

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



74.6746, 65.5007, 82.8359



70.9286, 88.1577, 80.9912

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.



50.9929, 65.5007, 78.8019



74.6746, 65.5007, 82.8359



54.4128, 65.5007, 48.1993

Square

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



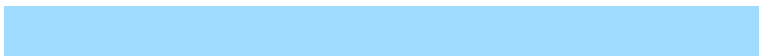
74.6746, 65.5007, 82.8359



66.1576, 65.5007, 42.8393



51.2975, 65.5007, 60.9226



58.5117, 65.5007, 110.2466

Rectangle

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



74.6746, 65.5007, 82.8359



73.2816, 65.5007, 54.3114



51.2975, 65.5007, 60.9226



52.3966, 65.5007, 91.5515

Sweetspot

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



74.6762, 65.5035, 82.8373



88.4166, 88.6549, 100.7648



66.6831, 60.9316, 102.8541



18.8081, 18.7770, 21.4219



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.



74.6762, 65.5035, 82.8373



71.1580, 59.6817, 77.9202



70.8522, 63.9739, 62.7008



18.4462, 18.1618, 20.9669



24.3486, 12.2287, 15.7519



2.4254, 1.2126, 1.8218

Inverse Universe

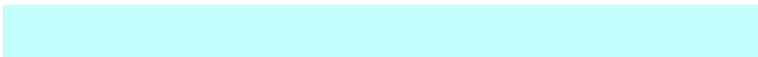
The Inverse Universe completely reimagines the original color for something new.



74.6762, 65.5035, 82.8373



71.1580, 59.6817, 77.9202



75.2520, 89.8871, 103.7581



18.4462, 18.1618, 20.9669



24.3486, 12.2287, 15.7519



2.4254, 1.2126, 1.8218

Previews

White Background



This preview shows how the XYZ color 74.6746, 65.5007, 82.8359 looks on a white background.

Color Contrast Check

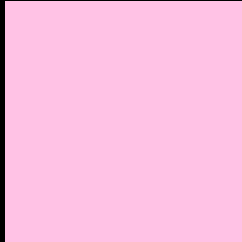
Large Text (above 18pt) WCAG AA × Fail

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 74.6746, 65.5007, 82.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

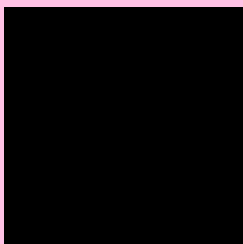
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6746, 65.5007, 82.8359

Background



This preview shows how black text looks on a background with the XYZ color 74.6746, 65.5007, 82.8359.



This preview shows how white text looks on a background with the XYZ color 74.6746, 65.5007,

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

74.6746, 65.5007, 82.8359

Protanopia

64.6390, 65.7351, 90.9427

Deuteranopia

67.3005, 65.8574, 81.8377



Tritanopia

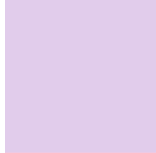
72.3579, 65.5686, 71.1297

Trichromacy



Original Color

74.6746, 65.5007, 82.8359



Protanomaly

67.6396, 65.1914, 87.6155



Deuteranomaly

70.0492, 65.8470, 82.4165



Tritanomaly

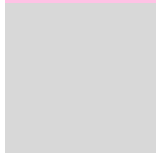
73.2679, 65.6126, 75.1325

Monochromacy



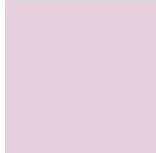
Original Color

74.6746, 65.5007, 82.8359



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 74.6746, 65.5007, 82.8359 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, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 229)  
}
```

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, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.6746, 65.5007, 82.8359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

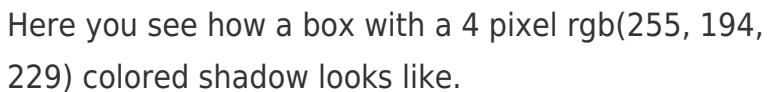
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 194, 229) }
```


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

```
.border{ border-color:rgb(255, 194, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 229); box-shadow:4px 4px 4px 4px rgb(255, 194, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6746, 65.5007, 82.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 229) }
```

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

```
.background{ background-color: rgb(255,  
194, 229) }
```

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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