

Converting Colors

XYZ(141.2846, 100.0000,
83.4627)

Have a look what the booklet for
XYZ(141.2846, 100.0000, 83.4627)
contains.

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Color

**XYZ(74.2593, 65.3346,
80.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E2
RGB	255, 194, 226
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2392, 0.1137
CMYK	0.00, 0.24, 0.11, 0.00
HSL	329°, 100%, 88%
HSV	329°, 24%, 100%
XYZ	74.2593, 65.3346, 80.6484
YIQ	215.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

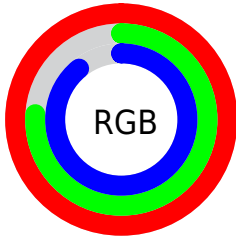
Format	Color
R_{YB}	255, 194, 226
Decimal	16761570
CIE _{Lab}	84.66, 26.65, -7.41
CIE _{LCh}	85, 27.662, 344.457
Yxy	65.3346, 0.3372, 0.2966
Android (android.graphics.Color)	4294951650 (0xFFFFC2E2)
YUV	215.8870, 4.9857, 34.3021
Hunter-Lab	80.8298, 22.5378, -2.5760

Details

The XYZ color **74.2593, 65.3346, 80.6484** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3296, 88.3181, 83.1031**, and the grayscale version is **65.1494, 68.5423, 74.6425**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **40.0175, 33.7022, 42.9241** is the 20% darker color. If you saturate the color by 10%, you get **67.4582, 54.3013, 70.4621**, and if you desaturate by 10%, it is **82.1547, 78.3679, 91.7816**.

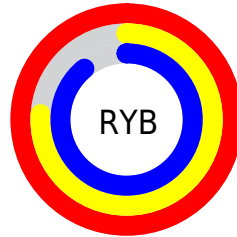
Distribution



Red (100%)

Green (76%)

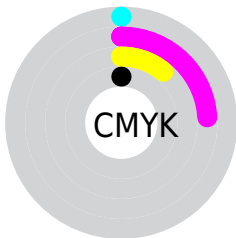
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

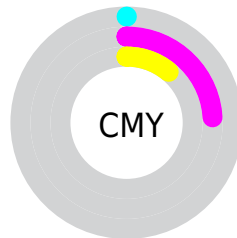


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2593, 65.3346, 80.6484 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 74.2593, 65.3346, 80.6484 by changing the saturation by 10% instead.


 74.2593, 65.3346,
80.6484

 74.2593, 65.3346,
80.6484


464.4043,
443.9934, 516.8796

 55.2983, 47.7324,
59.7228


 124.2568,
112.5308, 136.0966

 39.8754, 33.6151,
42.7714


156.0241,
142.8936, 171.4562

 27.6252, 22.5980,
29.3757


192.7909,
178.2787, 212.4643

 18.1823, 14.2970,
19.1172

234.9225,
219.0706, 259.5393

 11.1814, 8.3275,
11.5773

282.7843,
265.6536, 313.0997

 6.2572, 4.3052,
6.3375


336.7416,


 3.0442, 1.8457,


318.4122, 373.5643


2.9793

397.1598,
377.7306, 441.3514

 1.1772, 0.5154,
1.0841


 0.0883, 0.0000,
0.0000


 74.2593, 65.3346,
80.6484


 74.2593, 65.3346,
80.6484

 67.4582, 54.3013,
70.4621


 82.1547, 78.3679,
91.7816

 61.6949, 45.1594,
61.1894

 91.1886, 93.4862,
103.8854

 56.9143, 37.8024,
52.8004

95.0500, 100.0000,
108.9000

 53.0541, 32.1099,
45.2617

■ 50.0444, 27.9464,
38.5369

■ 47.8044, 25.1548,
32.5851

■ 46.2359, 23.5432,
27.3596

■ 45.5266, 22.9746,
24.5029

Harmonies

Analogous

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



70.7945, 65.3346, 98.2861



74.2593, 65.3346, 80.6484



74.3250, 65.3346, 62.9792

Triad

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



74.2593, 65.3346, 80.6484



59.1802, 65.3346, 43.0209



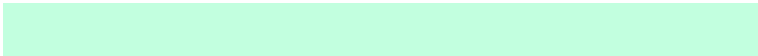
54.0005, 65.3346, 97.7216

Complementary

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



74.2593, 65.3346, 80.6484



71.3296, 88.3181, 83.1031

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.



51.2924, 65.3346, 79.9732



74.2593, 65.3346, 80.6484



54.1456, 65.3346, 49.5154

Square

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



74.2593, 65.3346, 80.6484



65.3360, 65.3346, 43.1404



51.3437, 65.3346, 62.4068



58.9699, 65.3346, 109.2018

Rectangle

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



74.2593, 65.3346, 80.6484



72.4163, 65.3346, 53.5754



51.3437, 65.3346, 62.4068



52.8106, 65.3346, 92.1726

Sweetspot

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



74.2608, 65.3373, 80.6497



88.2811, 88.6007, 100.0513



67.6115, 61.4102, 102.8976



18.7767, 18.7644, 21.2567



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.



74.2608, 65.3373, 80.6497



70.6713, 59.4870, 75.3574



70.5014, 63.8336, 60.8532



18.4074, 18.1463, 20.7628



23.8647, 12.0352, 13.2038



2.3789, 1.1939, 1.5765

Inverse Universe

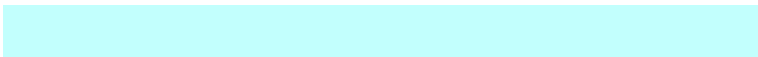
The Inverse Universe completely reimagines the original color for something new.



74.2608, 65.3373, 80.6497



70.6713, 59.4870, 75.3574



75.7340, 90.0799, 106.2964



18.4074, 18.1463, 20.7628



23.8647, 12.0352, 13.2038



2.3789, 1.1939, 1.5765

Previews

White Background



This preview shows how the XYZ color 74.2593, 65.3346, 80.6484 looks on a white background.

Color Contrast Check

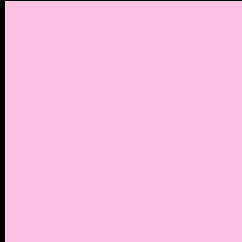
Large Text (above 18pt) WCAG AA × Fail

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 74.2593, 65.3346, 80.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

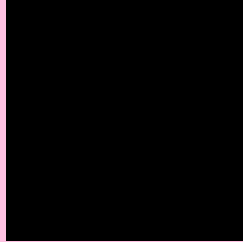
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2593, 65.3346, 80.6484

Background



This preview shows how black text looks on a background with the XYZ color 74.2593, 65.3346, 80.6484.



This preview shows how white text looks on a background with the XYZ color 74.2593, 65.3346,

80.6484.

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

74.2593, 65.3346, 80.6484

Protanopia

64.1993, 65.5592, 88.6274

Deuteranopia

66.9644, 65.3754, 79.6103



Tritanopia

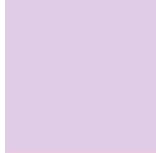
72.1316, 65.1160, 71.0542

Trichromacy



Original Color

74.2593, 65.3346, 80.6484



Protanomaly

67.2097, 65.0195, 85.3516



Deuteranomaly

69.4023, 65.2141, 80.1638



Tritanomaly

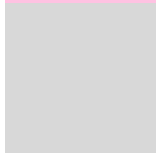
72.9125, 65.1108, 74.3704

Monochromacy



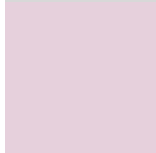
Original Color

74.2593, 65.3346, 80.6484



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 74.2593, 65.3346, 80.6484 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.2593, 65.3346, 80.6484 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, 226) }
```


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

```
.border{ border-color:rgb(255, 194, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2593, 65.3346, 80.6484 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
194, 226) }
```

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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