

Converting Colors

XYZ(74.3190, 65.2873, 81.1826)

Have a look what the booklet for
XYZ(74.3190, 65.2873, 81.1826)
contains.

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Color

**XYZ(74.3969, 65.3896,
81.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E3
RGB	255, 194, 227
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2392, 0.1098
CMYK	0.00, 0.24, 0.11, 0.00
HSL	328°, 100%, 88%
HSV	328°, 24%, 100%
XYZ	74.3969, 65.3896, 81.3734
YIQ	216.0010, 25.7630, 23.1950

Conversions

Conversions Part 2

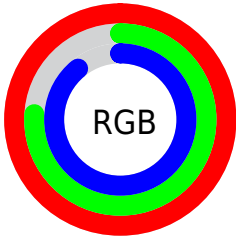
Format	Color
R_{YB}	255, 194, 227
Decimal	16761571
CIE _{Lab}	84.68, 26.81, -7.90
CIE _{LCh}	85, 27.954, 343.575
Yxy	65.3896, 0.3364, 0.2957
Android (android.graphics.Color)	4294951651 (0xFFFFC2E3)
YUV	216.0010, 5.4225, 34.2021
Hunter-Lab	80.8638, 22.7131, -3.0589

Details

The XYZ color **74.3969, 65.3896, 81.3734** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1951, 88.2643, 82.3948**, and the grayscale version is **65.2243, 68.6210, 74.7283**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **40.1132, 33.7405, 43.4281** is the 20% darker color. If you saturate the color by 10%, you get **67.6400, 54.3740, 71.4196**, and if you desaturate by 10%, it is **82.2404, 78.4021, 92.2330**.

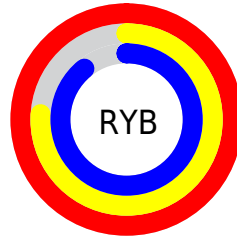
Distribution



Red (100%)

Green (76%)

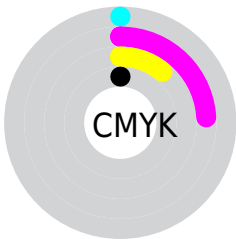
Blue (89%)



Red (100%)

Yellow (76%)

Blue (89%)

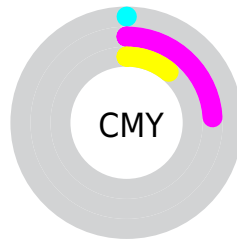


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3969, 65.3896, 81.3734 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 74.3969, 65.3896, 81.3734 by changing the saturation by 10% instead.


 74.3969, 65.3896,
81.3734

 74.3969, 65.3896,
81.3734


464.8713,
444.1907, 519.3776

 55.4114, 47.7771,
60.3164


 124.4508,
112.6098, 137.1237

 39.9663, 33.6504,
43.2467


156.2498,
142.9862, 172.6541

 27.6964, 22.6251,
29.7459


193.0508,
178.3861, 213.8460

 18.2362, 14.3170,
19.3954

235.2189,
219.1938, 261.1180

 11.2204, 8.3414,
11.7766

283.1197,
265.7937, 314.8887

 6.2837, 4.3142,
6.4711

337.1185,

 3.0606, 1.8508,

318.5702, 375.5764

3.0602

397.5805,
377.9078, 443.5999

■ 1.1859, 0.5186,
1.1255

■ 0.0952, 0.0000,
0.0000

■ 74.3969, 65.3896,
81.3734

■ 74.3969, 65.3896,
81.3734

■ 67.6400, 54.3740,
71.4196

■ 82.2404, 78.4021,
92.2330

■ 61.9133, 45.2467,
62.3397

■ 91.2143, 93.4964,
104.0209

■ 57.1621, 37.9015,
54.1052

95.0500, 100.0000,
108.9000

■ 53.3242, 32.2179,
46.6840

■ 50.3300, 28.0607,
40.0412

■ 48.0992, 25.2727,
34.1376

■ 46.5337, 23.6624,
28.9281

■ 45.8235, 23.0934,
26.0661

Harmonies

Analogous

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



70.8022, 65.3896, 99.1367



74.3969, 65.3896, 81.3734



74.5714, 65.3896, 63.4264

Triad

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



74.3969, 65.3896, 81.3734



59.3744, 65.3896, 42.7243



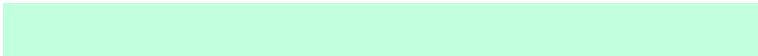
53.8498, 65.3896, 97.6357

Complementary

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



74.3969, 65.3896, 81.3734



71.1951, 88.2643, 82.3948

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.



51.1923, 65.3896, 79.5802



74.3969, 65.3896, 81.3734



54.2346, 65.3896, 49.0737

Square

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



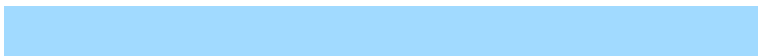
74.3969, 65.3896, 81.3734



65.6090, 65.3896, 43.0401



51.3283, 65.3896, 61.9086



58.8164, 65.3896, 109.5478

Rectangle

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



74.3969, 65.3896, 81.3734



72.7036, 65.3896, 53.8204



51.3283, 65.3896, 61.9086



52.6721, 65.3896, 91.9637

Sweetspot

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



74.3984, 65.3923, 81.3748



88.3262, 88.6187, 100.2888



67.3001, 61.2496, 102.8830



18.7871, 18.7686, 21.3117



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.



74.3984, 65.3923, 81.3748



70.8324, 59.5514, 76.2056



70.6175, 63.8800, 61.4649



18.4203, 18.1515, 20.8307



24.0201, 12.0973, 14.0220



2.3939, 1.1999, 1.6558

Inverse Universe

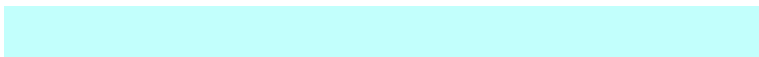
The Inverse Universe completely reimagines the original color for something new.



74.3984, 65.3923, 81.3748



70.8324, 59.5514, 76.2056



75.5725, 90.0152, 105.4458



18.4203, 18.1515, 20.8307



24.0201, 12.0973, 14.0220



2.3939, 1.1999, 1.6558

Previews

White Background



This preview shows how the XYZ color 74.3969, 65.3896, 81.3734 looks on a white background.

Color Contrast Check

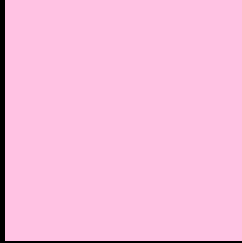
Large Text (above 18pt) WCAG AA × Fail

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 74.3969, 65.3896, 81.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

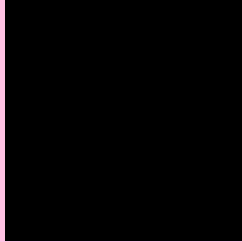
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3969, 65.3896, 81.3734

Background



This preview shows how black text looks on a background with the XYZ color 74.3969, 65.3896, 81.3734.



This preview shows how white text looks on a background with the XYZ color 74.3969, 65.3896,

81.3734.

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

74.3969, 65.3896, 81.3734

Protanopia

64.3451, 65.6175, 89.3949

Deuteranopia

67.0259, 65.7476, 80.3921



Tritanopia

72.3579, 65.5686, 71.1297

Trichromacy



Original Color

74.3969, 65.3896, 81.3734

Protanomaly

67.3522, 65.0765, 86.1020

Deuteranomaly

69.7730, 65.7366, 80.9625

Tritanomaly

73.1374, 65.5604, 74.4453

Monochromacy



Original Color

74.3969, 65.3896, 81.3734

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 74.3969, 65.3896, 81.3734 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.3969, 65.3896, 81.3734 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, 227) }
```


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

```
.border{ border-color:rgb(255, 194, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 227); box-shadow:4px 4px 4px 4px rgb(255, 194, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3969, 65.3896, 81.3734 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
194, 227) }
```

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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