

Converting Colors

XYZ(73.8572, 67.1340, 81.4922)

Have a look what the booklet for
XYZ(73.8572, 67.1340, 81.4922)
contains.

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Color

**XYZ(73.9437, 67.1786,
81.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC8E3
RGB	250, 200, 227
RGB Percent	98%, 78%, 89%
CMY	0.0196, 0.2157, 0.1098
CMYK	0.00, 0.20, 0.09, 0.02
HSL	328°, 83%, 88%
HSV	328°, 20%, 98%
XYZ	73.9437, 67.1786, 81.7426
YIQ	218.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

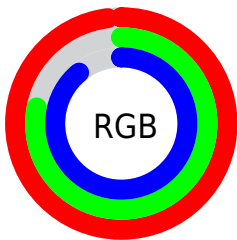
Format	Color
R_{YB}	250, 200, 227
Decimal	16435427
CIE _{Lab}	85.59, 21.95, -6.61
CIE _{LCh}	86, 22.927, 343.244
Yxy	67.1786, 0.3318, 0.3014
Android (android.graphics.Color)	4294625507 (0xFFFA _{C8E3})
YUV	218.0280, 4.4232, 28.0394
Hunter-Lab	81.9626, 17.6019, -1.7571

Details

The XYZ color **73.9437, 67.1786, 81.7426** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3269, 85.9800, 82.6524**, and the grayscale version is **66.6218, 70.0913, 76.3294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7176, 34.8738, 43.6677** is the 20% darker color. If you saturate the color by 10%, you get **67.0859, 55.9184, 71.8851**, and if you desaturate by 10%, it is **81.8581, 80.3805, 92.4770**.

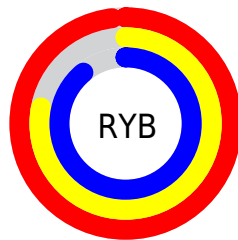
Distribution



Red (98%)

Green (78%)

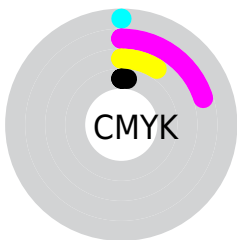
Blue (89%)



Red (98%)

Yellow (78%)

Blue (89%)

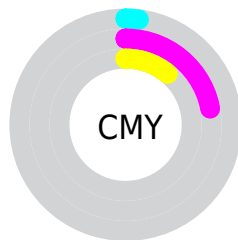


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (2%)



Cyan (2%)

Magenta (22%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9437, 67.1786, 81.7426 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 73.9437, 67.1786, 81.7426 by changing the saturation by 10% instead.


 73.9437, 67.1786,
81.7426

 73.9437, 67.1786,
81.7426


463.3323,
450.5802, 520.6471

 55.0391, 49.2298,
60.6188


123.8119,
115.1763, 137.6464

 39.6670, 34.8018,
43.4891

155.5062,
145.9940, 173.2635

 27.4620, 23.5102,
29.9348


192.1945,
181.8700, 214.5488

 18.0589, 14.9707,
19.5375

234.2420,
223.1889, 261.9209

 11.0922, 8.7988,
11.8785

282.0143,
270.3349, 315.7982

 6.1967, 4.6102,
6.5395


335.8765,


 3.0068, 2.0204,


323.6926, 376.5993

3.1018


396.1940,
383.6462, 444.7428


 1.1574, 0.6193,
1.1468


 0.0723, 0.0000,
0.0000


 73.9437, 67.1786,
81.7426


 73.9437, 67.1786,
81.7426

 67.0859, 55.9184,
71.8851


 81.8581, 80.3805,
92.4770

 61.2310, 46.4983,
62.8742

 90.8680, 95.6015,
104.1089

 56.3288, 38.8207,
54.6835

 93.2347, 99.0642,
108.8150

 52.3226, 32.7757,
47.2833

■ 49.1493, 28.2403,
40.6414

■ 46.7367, 25.0743,
34.7222

■ 44.9993, 23.1104,
29.4853

■ 43.7975, 22.0734,
24.8715

■ 43.7972, 22.0732,
24.8706

Harmonies

Analogous

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



70.9715, 67.1786, 96.1262



73.9437, 67.1786, 81.7426



74.1192, 67.1786, 66.7611

Triad

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



73.9437, 67.1786, 81.7426



61.5810, 67.1786, 48.5991



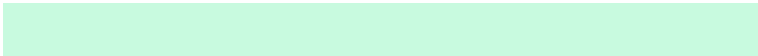
56.8210, 67.1786, 94.6409

Complementary

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



73.9437, 67.1786, 81.7426



71.3269, 85.9800, 82.6524

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.



54.5783, 67.1786, 79.9257



73.9437, 67.1786, 81.7426



57.2239, 67.1786, 54.1555

Square

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



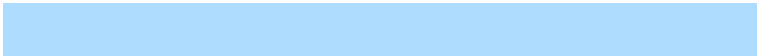
73.9437, 67.1786, 81.7426



66.7863, 67.1786, 48.9467



54.7216, 67.1786, 65.1744



61.0035, 67.1786, 104.2392

Rectangle

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



73.9437, 67.1786, 81.7426



72.6113, 67.1786, 58.5033



54.7216, 67.1786, 65.1744



55.8257, 67.1786, 90.0485

Sweetspot

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



73.9456, 67.1816, 81.7440



89.2491, 90.1786, 101.4778



68.1898, 63.8227, 99.1683



18.9733, 19.0832, 21.5519



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.



73.9456, 67.1816, 81.7440



74.3311, 65.2921, 81.2464



70.8010, 65.9237, 65.1845



17.6366, 17.3820, 19.9419



23.3048, 11.7376, 13.5793



2.2120, 1.1085, 1.5396

Inverse Universe

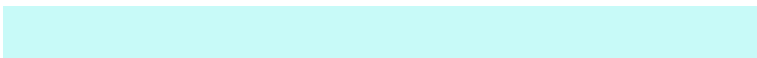
The Inverse Universe completely reimagines the original color for something new.



73.9456, 67.1816, 81.7440



74.3311, 65.2921, 81.2464



74.8729, 87.3984, 101.3251



17.6366, 17.3820, 19.9419



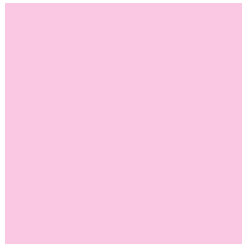
23.3048, 11.7376, 13.5793



2.2120, 1.1085, 1.5396

Previews

White Background



This preview shows how the XYZ color 73.9437, 67.1786, 81.7426 looks on a white background.

Color Contrast Check

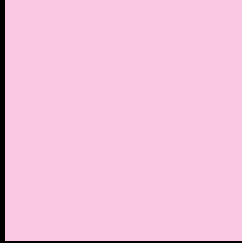
Large Text (above 18pt) WCAG AA × Fail

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 73.9437, 67.1786, 81.7426 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 73.9437, 67.1786, 81.7426

Background



This preview shows how black text looks on a background with the XYZ color 73.9437, 67.1786, 81.7426.



This preview shows how white text looks on a background with the XYZ color 73.9437, 67.1786,

81.7426.

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

73.9437, 67.1786, 81.7426

Protanopia

65.9410, 67.5837, 88.1668

Deuteranopia

68.9165, 67.4257, 81.3337



Tritanopia

72.7118, 67.3906, 74.8210

Trichromacy



Original Color

73.9437, 67.1786, 81.7426

Protanomaly

68.4854, 67.1067, 85.6872

Deuteranomaly

70.4838, 67.1582, 81.1994

Tritanomaly

73.0047, 67.1335, 77.5169

Monochromacy



Original Color

73.9437, 67.1786, 81.7426

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9785, 68.6320, 78.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9437, 67.1786, 81.7426 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(250, 200, 227) looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 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(250, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.9437, 67.1786, 81.7426 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(250, 200, 227) }
```


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

```
.border{ border-color:rgb(250, 200, 227) }
```

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

Here you see how a box with a 4 pixel rgb(250, 200, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9437, 67.1786, 81.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 227) }
```

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

```
.background{ background-color: rgb(250,  
200, 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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