

Converting Colors

XYZ(91.5689, 80.6116, 90.5566)

Have a look what the booklet for
XYZ(91.5689, 80.6116, 90.5566)
contains.

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Color

**XYZ(80.3203, 74.9629,
90.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5ED
RGB	255, 213, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1647, 0.0706
CMYK	0.00, 0.16, 0.07, 0.00
HSL	326°, 100%, 92%
HSV	326°, 16%, 100%
XYZ	80.3203, 74.9629, 90.3567
YIQ	228.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

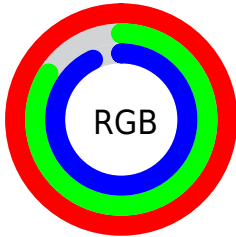
Format	Color
R _Y B	255, 213, 237
Decimal	16766445
CIE Lab	89.38, 18.51, -6.26
CIE LCh	89, 19.540, 341.307
Yxy	74.9629, 0.3270, 0.3052
Android (android.graphics.Color)	4294956525 (0xFFFFD5ED)
YUV	228.2940, 4.2921, 23.4212
Hunter-Lab	86.5811, 14.0754, -1.2687

Details

The XYZ color **80.3203, 74.9629, 90.3567** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6267, 91.4368, 89.1623**, and the grayscale version is **73.9202, 77.7698, 84.6913**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8561, 39.7957, 49.0859** is the 20% darker color. If you saturate the color by 10%, you get **72.8552, 62.5106, 80.2293**, and if you desaturate by 10%, it is **88.8946, 89.4771, 101.3361**.

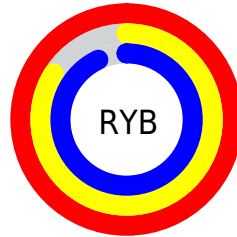
Distribution



Red (100%)

Green (84%)

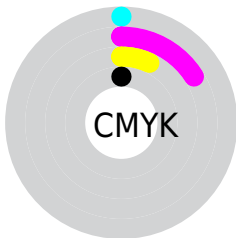
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

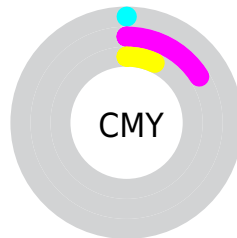


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3203, 74.9629, 90.3567 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 80.3203, 74.9629, 90.3567 by changing the saturation by 10% instead.

80.3203, 74.9629,
90.3567

80.3203, 74.9629,
90.3567

484.7317,
477.7900, 549.7905

60.2913, 55.5825,
67.7011

132.7641,
126.2598, 149.7736

43.9039, 39.8683,
49.1895

165.9097,
158.9452, 187.3721

30.7925, 27.4359,
34.4031

204.1582,
196.8343, 230.7885

20.5920, 17.9008,
22.9236

247.8749,
240.3115, 280.4416

12.9368, 10.8788,
14.3323

297.4253,
289.7613, 336.7498

7.4618, 5.9854,
8.2108

353.1747,

3.8014, 2.8362,

345.5681, 400.1317

4.1404

415.4883,
408.1162, 471.0057

■ 1.5904, 1.0468,
1.7027

■ 0.3861, 0.0000,
0.3626

■ 80.3203, 74.9629,
90.3567

■ 80.3203, 74.9629,
90.3567

■ 72.8552, 62.5106,
80.2293

■ 88.8946, 89.4771,
101.3361

■ 66.4455, 52.0164,
70.9244

95.0500, 100.0000,
108.9000

■ 61.0403, 43.3810,
62.4173

■ 56.5825, 36.4931,
54.6802

■ 53.0087, 31.2290,
47.6825

■ 50.2475, 27.4489,
41.3910

■ 48.2153, 24.9887,
35.7680

■ 46.8080, 23.6436,
30.7684

■ 46.4056, 23.3262,
29.1315

Harmonies

Analogous

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



77.4939, 74.9629, 103.0461



80.3203, 74.9629, 90.3567



80.6529, 74.9629, 76.5666

Triad

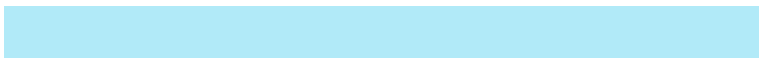
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3203, 74.9629, 90.3567



69.4622, 74.9629, 58.4252



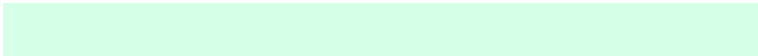
64.5632, 74.9629, 100.2691

Complementary

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



80.3203, 74.9629, 90.3567



77.6267, 91.4368, 89.1623

Split Complementary

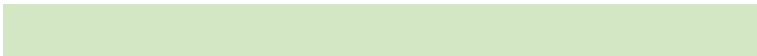
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6079, 74.9629, 86.8949



80.3203, 74.9629, 90.3567



65.3508, 74.9629, 63.3942

Square

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



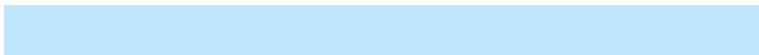
80.3203, 74.9629, 90.3567



74.2380, 74.9629, 59.1307



62.8896, 74.9629, 73.4689



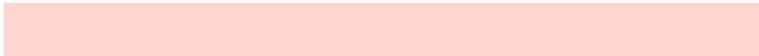
68.3432, 74.9629, 109.1959

Rectangle

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



80.3203, 74.9629, 90.3567



79.3990, 74.9629, 68.6879



62.8896, 74.9629, 73.4689



63.6785, 74.9629, 96.0854

Sweetspot

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



80.3220, 74.9660, 90.3583



90.2491, 91.7862, 103.0208



74.6407, 71.7179, 104.5167



19.1776, 19.4082, 21.8776



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.



80.3220, 74.9660, 90.3583



77.5611, 70.3370, 86.6853



77.4959, 73.8355, 75.4761



18.4444, 18.1611, 20.9572



24.3242, 12.2190, 15.6238



2.4231, 1.2116, 1.8096

Inverse Universe

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



80.3220, 74.9660, 90.3583



77.5611, 70.3370, 86.6853



80.6939, 92.6637, 105.3138



18.4444, 18.1611, 20.9572



24.3242, 12.2190, 15.6238



2.4231, 1.2116, 1.8096

Previews

White Background



This preview shows how the XYZ color 80.3203, 74.9629, 90.3567 looks on a white background.

Color Contrast Check

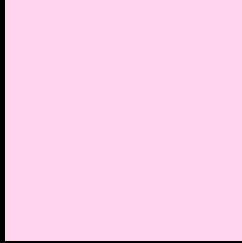
Large Text (above 18pt) WCAG AA × Fail

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 80.3203, 74.9629, 90.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

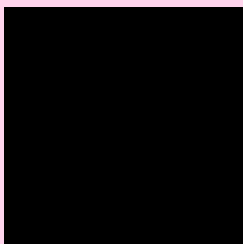
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3203, 74.9629, 90.3567

Background



This preview shows how black text looks on a background with the XYZ color 80.3203, 74.9629, 90.3567.



This preview shows how white text looks on a background with the XYZ color 80.3203, 74.9629,

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

80.3203, 74.9629, 90.3567

Protanopia

72.9968, 74.9344, 95.4105

Deuteranopia

76.8297, 75.0762, 89.7987



Tritanopia

79.3434, 74.9335, 85.8831

Trichromacy



Original Color

80.3203, 74.9629, 90.3567

Protanomaly

75.4697, 74.6761, 93.6553

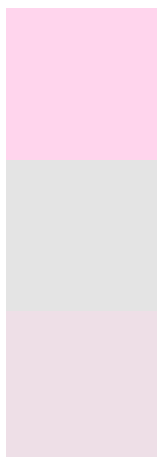
Deuteranomaly

78.0540, 74.9420, 89.7082

Tritanomaly

79.6276, 75.0472, 87.3795

Monochromacy



Original Color

80.3203, 74.9629, 90.3567

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.0714, 76.7220, 86.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3203, 74.9629, 90.3567 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, 213, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 237)  
}
```

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, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.3203, 74.9629, 90.3567 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, 213, 237) }
```


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

```
.border{ border-color:rgb(255, 213, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3203, 74.9629, 90.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 237) }
```

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

```
.background{ background-color: rgb(255,  
213, 237) }
```

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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