

Converting Colors

XYZ(81.1721, 76.0264, 92.3456)

Have a look what the booklet for XYZ(81.1721, 76.0264, 92.3456) contains.

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Color

**XYZ(81.1204, 76.0929,
92.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7EF
RGB	255, 215, 239
RGB Percent	100%, 84%, 94%
CMY	0.0000, 0.1568, 0.0627
CMYK	0.00, 0.16, 0.06, 0.00
HSL	324°, 100%, 92%
HSV	324°, 16%, 100%
XYZ	81.1204, 76.0929, 92.0732
YIQ	229.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

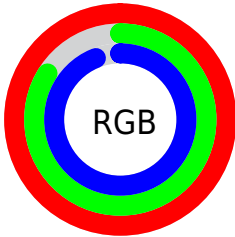
Format	Color
R _Y B	255, 215, 239
Decimal	16766959
CIE Lab	89.90, 17.80, -6.54
CIE LCh	90, 18.965, 339.838
Yxy	76.0929, 0.3254, 0.3052
Android (android.graphics.Color)	4294957039 (0xFFFFD7EF)
YUV	229.6960, 4.5869, 22.1916
Hunter-Lab	87.2312, 13.3408, -1.5191

Details

The XYZ color **81.1204, 76.0929, 92.0732** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2106, 91.7378, 89.1898**, and the grayscale version is **74.9496, 78.8528, 85.8707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4068, 40.5663, 50.2893** is the 20% darker color. If you saturate the color by 10%, you get **73.6617, 63.5193, 82.3610**, and if you desaturate by 10%, it is **89.6797, 90.7307, 102.5740**.

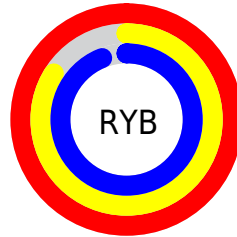
Distribution



Red (100%)

Green (84%)

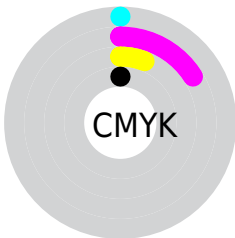
Blue (94%)



Red (100%)

Yellow (84%)

Blue (94%)

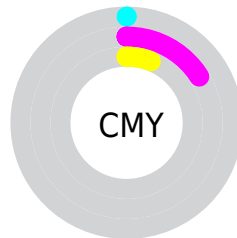


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1204, 76.0929, 92.0732 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 81.1204, 76.0929, 92.0732 by changing the saturation by 10% instead.


 81.1204, 76.0929,
92.0732

 81.1204, 76.0929,
92.0732


487.3799,
481.6657, 555.4952

 60.9524, 56.5087,
69.1181


133.8821,
127.8582, 152.1754

 44.4391, 40.6109,
50.3355


167.2065,
160.8081, 190.1596

 31.2153, 28.0152,
35.3070


205.6470,
198.9820, 233.9905

 20.9155, 18.3371,
23.6140

249.5691,
242.7643, 284.0867

 13.1743, 11.1923,
14.8380

299.3381,
292.5395, 340.8667

 7.6265, 6.1963,
8.5604

355.3193,

 3.9067, 2.9648,

348.6918, 404.7491

4.3627

417.8781,
411.6057, 476.1525

■ 1.6495, 1.1134,
1.8264

■ 0.4243, 0.0000,
0.4453

■ 81.1204, 76.0929,
92.0732

■ 81.1204, 76.0929,
92.0732

■ 73.6617, 63.5193,
82.3610

■ 89.6797, 90.7307,
102.5740

■ 67.2501, 52.9065,
73.4096

95.0500, 100.0000,
108.9000

■ 61.8356, 44.1563,
65.1963

■ 57.3618, 37.1580,
57.6952

■ 53.7662, 31.7894,
50.8780

■ 50.9785, 27.9121,
44.7136

■ 48.9167, 25.3647,
39.1667

■ 47.4794, 23.9474,
34.1957

■ 46.9892, 23.5597,
32.2049

Harmonies

Analogous

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



78.2539, 76.0929, 104.2991



81.1204, 76.0929, 92.0732



81.5745, 76.0929, 78.5191

Triad

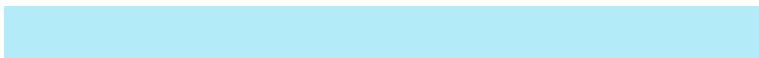
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1204, 76.0929, 92.0732



70.7947, 76.0929, 59.9295



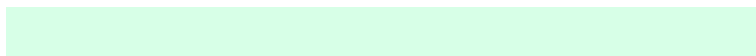
65.6206, 76.0929, 100.5157

Complementary

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



81.1204, 76.0929, 92.0732



78.2106, 91.7378, 89.1898

Split Complementary

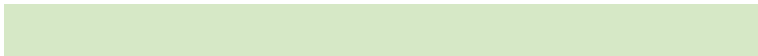
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.8007, 76.0929, 87.3419



81.1204, 76.0929, 92.0732



66.7016, 76.0929, 64.5675

Square

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



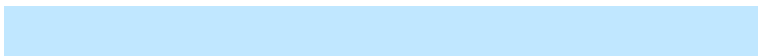
81.1204, 76.0929, 92.0732



75.4759, 76.0929, 60.9036



64.1877, 76.0929, 74.2684



69.2612, 76.0929, 109.5267

Rectangle

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



81.1204, 76.0929, 92.0732



80.4287, 76.0929, 70.6596



64.1877, 76.0929, 74.2684



64.7829, 76.0929, 96.3724

Sweetspot

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



81.1222, 76.0960, 92.0748



90.3062, 91.8090, 103.3213



75.3081, 72.8135, 104.6930



19.1915, 19.4138, 21.9507



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.



81.1222, 76.0960, 92.0748



78.5289, 71.7019, 88.7677



78.3289, 74.9787, 77.3655



18.4670, 18.1701, 21.0763



24.6286, 12.3407, 17.2267



2.4520, 1.2232, 1.9617

Inverse Universe

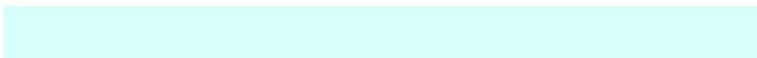
The Inverse Universe completely reimagines the original color for something new.



81.1222, 76.0960, 92.0748



78.5289, 71.7019, 88.7677



81.1988, 92.9331, 104.9255



18.4670, 18.1701, 21.0763



24.6286, 12.3407, 17.2267



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 81.1204, 76.0929, 92.0732 looks on a white background.

Color Contrast Check

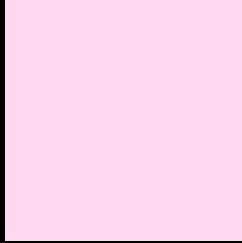
Large Text (above 18pt) WCAG AA × Fail

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 81.1204, 76.0929, 92.0732 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 81.1204, 76.0929, 92.0732

Background



This preview shows how black text looks on a background with the XYZ color 81.1204, 76.0929, 92.0732.



This preview shows how white text looks on a background with the XYZ color 81.1204, 76.0929,

92.0732.

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

81.1204, 76.0929, 92.0732

Protanopia

74.4580, 76.4506, 97.2183

Deuteranopia

77.9880, 76.4141, 91.5279



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

81.1204, 76.0929, 92.0732

Protanomaly

76.6262, 76.0168, 95.4281

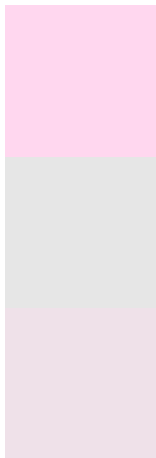
Deuteranomaly

78.8618, 76.0900, 91.4193

Tritanomaly

80.4243, 76.1807, 89.0628

Monochromacy



Original Color

81.1204, 76.0929, 92.0732

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.2298, 78.0843, 88.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1204, 76.0929, 92.0732 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, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 239)  
}
```

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, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.1204, 76.0929, 92.0732 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, 215, 239) }
```


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

```
.border{ border-color:rgb(255, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1204, 76.0929, 92.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 239) }
```

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

```
.background{ background-color: rgb(255,  
215, 239) }
```

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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