

Converting Colors

XYZ(79.3929, 76.2234, 80.4435)

Have a look what the booklet for
XYZ(79.3929, 76.2234, 80.4435)
contains.

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Color

**XYZ(79.3721, 76.2134,
80.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DF
RGB	255, 217, 223
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1490, 0.1255
CMYK	0.00, 0.15, 0.13, 0.00
HSL	351°, 100%, 93%
HSV	351°, 15%, 100%
XYZ	79.3721, 76.2134, 80.3393
YIQ	229.0460, 20.7220, 9.9220

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 217, 223
Decimal	16767455
CIE _{Lab}	89.96, 14.13, 1.96
CIE _{LCh}	90, 14.266, 7.902
Yxy	76.2134, 0.3364, 0.3230
Android (android.graphics.Color)	4294957535 (0xFFFFD9DF)
YUV	229.0460, -2.9807, 22.7617
Hunter-Lab	87.3003, 9.5140, 6.5478

Details

The XYZ color **79.3721, 76.2134, 80.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4767, 93.1125, 103.3045**, and the grayscale version is **74.5222, 78.4031, 85.3810**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2769, 40.6736, 42.6156** is the 20% darker color. If you saturate the color by 10%, you get **70.5859, 62.9845, 64.0198**, and if you desaturate by 10%, it is **89.5447, 91.6266, 98.9348**.

Distribution



Red (100%)

Green (85%)

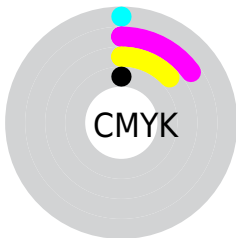
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)



Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3721, 76.2134, 80.3393 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 79.3721, 76.2134, 80.3393 by changing the saturation by 10% instead.


 79.3721, 76.2134,
80.3393

 79.3721, 76.2134,
80.3393


481.5831,
482.0779, 515.8125

 59.5085, 56.6075,
59.4698


131.4377,
128.0285, 135.6584

 43.2705, 40.6902,
42.5689


164.3705,
161.0065, 170.9450

 30.2929, 28.0771,
29.2181


202.3903,
199.2107, 211.8745

 20.2102, 18.3838,
18.9989

245.8625,
243.0254, 258.8652

 12.6571, 11.2259,
11.4927

295.1526,
292.8351, 312.3359

 7.2682, 6.2190,
6.2809

350.6258,

 3.6782, 2.9787,

349.0242, 372.7049

2.9451

412.6475,
411.9770, 440.3909

■ 1.5217, 1.1206,
1.0667

■ 0.3406, 0.0000,
0.0000

■ 79.3721, 76.2134,
80.3393

■ 79.3721, 76.2134,
80.3393

■ 70.5859, 62.9845,
64.0198

■ 89.5447, 91.6266,
98.9348

■ 63.1206, 51.8319,
49.8840

95.0500, 100.0000,
108.9000

■ 56.9132, 42.6528,
37.8401

■ 51.8937, 35.3318,
27.7880

■ 47.9850, 29.7414,
19.6192

■ 45.1006, 25.7382,
13.2147

■ 43.1410, 23.1555,
8.4415

■ 41.9858, 21.7887,
5.1470

■ 41.6271, 21.4148,
3.9683

Harmonies

Analogous

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



78.9116, 76.2134, 90.5134



79.3721, 76.2134, 80.3393



77.9277, 76.2134, 71.6049

Triad

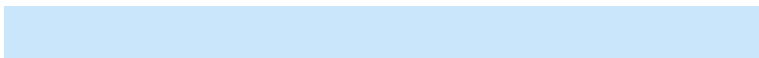
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3721, 76.2134, 80.3393



68.3481, 76.2134, 68.5699



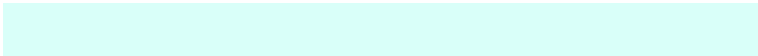
69.9149, 76.2134, 102.3300

Complementary

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



79.3721, 76.2134, 80.3393



81.4767, 93.1125, 103.3045

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.



67.2135, 76.2134, 95.5078



79.3721, 76.2134, 80.3393



66.3296, 76.2134, 75.8832

Square

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



79.3721, 76.2134, 80.3393



71.5093, 76.2134, 65.1791



65.9210, 76.2134, 85.6850



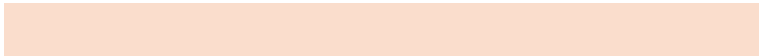
73.3758, 76.2134, 103.7664

Rectangle

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



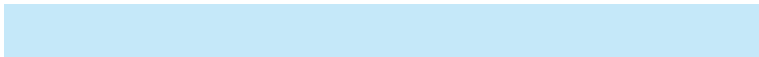
79.3721, 76.2134, 80.3393



76.1056, 76.2134, 67.5804



65.9210, 76.2134, 85.6850



68.8913, 76.2134, 100.5653

Sweetspot

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



79.3739, 76.2166, 80.3409



90.5294, 93.1229, 100.7218



81.8130, 76.9276, 105.1442



19.2006, 19.6641, 21.2385



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

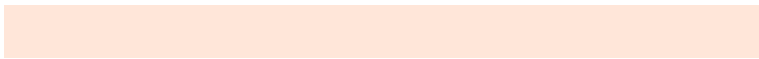
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3739, 76.2166, 80.3409



76.5041, 71.8856, 75.0416



81.9704, 82.6806, 77.2884



18.1262, 18.0338, 19.2818



21.7854, 11.2035, 2.2546



2.1532, 1.1037, 0.3884

Inverse Universe

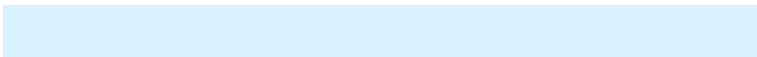
The Inverse Universe completely reimagines the original color for something new.



79.3739, 76.2166, 80.3409



76.5041, 71.8856, 75.0416



78.5191, 85.6767, 107.0066



18.1262, 18.0338, 19.2818



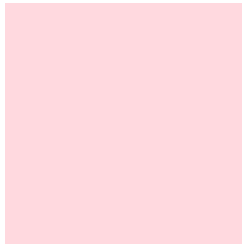
21.7854, 11.2035, 2.2546



2.1532, 1.1037, 0.3884

Previews

White Background



This preview shows how the XYZ color 79.3721, 76.2134, 80.3393 looks on a white background.

Color Contrast Check

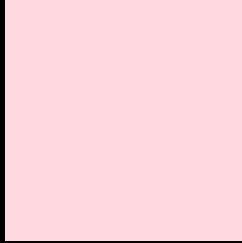
Large Text (above 18pt) WCAG AA × Fail

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 79.3721, 76.2134, 80.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

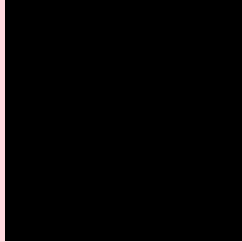
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3721, 76.2134, 80.3393

Background



This preview shows how black text looks on a background with the XYZ color 79.3721, 76.2134, 80.3393.



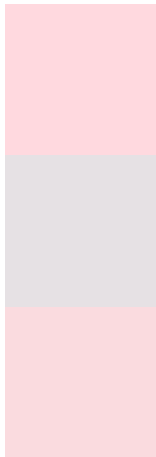
This preview shows how white text looks on a background with the XYZ color 79.3721, 76.2134,

80.3393.

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

79.3721, 76.2134, 80.3393

Protanopia

73.5619, 76.2749, 84.2442

Deuteranopia

78.0751, 76.3147, 80.4273



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

79.3721, 76.2134, 80.3393

Protanomaly

75.4453, 76.0843, 82.6608

Deuteranomaly

78.5356, 76.1660, 80.3743

Tritanomaly

79.9387, 76.0289, 84.5906

Monochromacy



Original Color

79.3721, 76.2134, 80.3393

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0502, 77.5736, 83.6380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3721, 76.2134, 80.3393 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, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 223)  
}
```

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, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 79.3721, 76.2134, 80.3393 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, 217, 223) }
```


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

```
.border{ border-color:rgb(255, 217, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3721, 76.2134, 80.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 223) }
```

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

```
.background{ background-color: rgb(255,  
217, 223) }
```

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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