

Converting Colors

XYZ(81.1371, 74.2427, 87.8792)

Have a look what the booklet for
XYZ(81.1371, 74.2427, 87.8792)
contains.

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Color

**XYZ(79.1379, 73.2937,
87.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2EA
RGB	255, 210, 234
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1764, 0.0823
CMYK	0.00, 0.18, 0.08, 0.00
HSL	328°, 100%, 91%
HSV	328°, 18%, 100%
XYZ	79.1379, 73.2937, 87.8180
YIQ	226.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

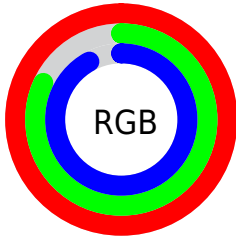
Format	Color
R_{YB}	255, 210, 234
Decimal	16765674
CIE _{Lab}	88.59, 19.57, -5.84
CIE _{LCh}	89, 20.429, 343.376
Yxy	73.2937, 0.3294, 0.3051
Android (android.graphics.Color)	4294955754 (0xFFFFD2EA)
YUV	226.1910, 3.8498, 25.2655
Hunter-Lab	85.6117, 15.1815, -0.8897

Details

The XYZ color **79.1379, 73.2937, 87.8180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7645, 90.9923, 89.1220**, and the grayscale version is **72.3917, 76.1617, 82.9401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0459, 38.6628, 47.3134** is the 20% darker color. If you saturate the color by 10%, you get **71.6841, 61.0309, 77.1800**, and if you desaturate by 10%, it is **87.7129, 87.6146, 99.3984**.

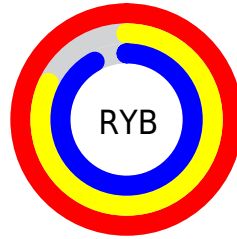
Distribution



Red (100%)

Green (82%)

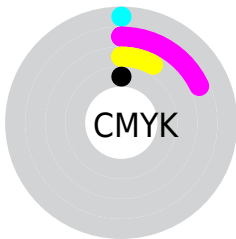
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

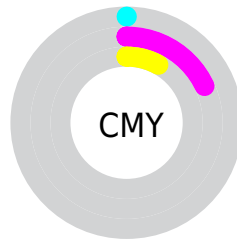


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1379, 73.2937, 87.8180 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 79.1379, 73.2937, 87.8180 by changing the saturation by 10% instead.


 79.1379, 73.2937,
87.8180

 79.1379, 73.2937,
87.8180


480.8036,
472.0321, 541.2929

 59.3152, 54.2162,
65.6089


131.1099,
123.8941, 146.2127

 43.1143, 38.7745,
47.5005


163.9899,
156.1857, 183.2353

 30.1697, 26.5843,
33.0743

201.9531,
193.6508, 226.0328

 20.1161, 17.2613,
21.9118

245.3647,
236.6737, 275.0237

 12.5882, 10.4210,
13.5944

294.5903,
285.6389, 330.6267

 7.2207, 5.6790,
7.7036

349.9950,

 3.6480, 2.6509,

340.9308, 393.2602

3.8208

411.9444,
402.9337, 463.3427

■ 1.5050, 0.9523,
1.5276

■ 0.3292, 0.0000,
0.2383

■ 79.1379, 73.2937,
87.8180

■ 79.1379, 73.2937,
87.8180

■ 71.6841, 61.0309,
77.1800

■ 87.7129, 87.6146,
99.3984

■ 65.2969, 50.7214,
67.4521

95.0500, 100.0000,
108.9000

■ 59.9246, 42.2650,
58.6067

■ 55.5085, 35.5485,
50.6126

■ 51.9842, 30.4466,
43.4361

■ 49.2782, 26.8168,
37.0401

■ 47.3046, 24.4911,
31.3829

■ 45.9504, 23.2485,
26.4133

■ 45.6834, 23.0374,
25.3285

Harmonies

Analogous

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



76.3722, 73.2937, 101.1868



79.1379, 73.2937, 87.8180



79.2892, 73.2937, 73.6926

Triad

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



79.1379, 73.2937, 87.8180



67.4954, 73.2937, 56.2187



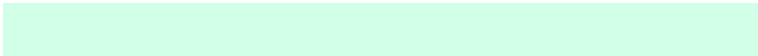
63.0040, 73.2937, 99.9189

Complementary

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



79.1379, 73.2937, 87.8180



76.7645, 90.9923, 89.1220

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.



60.8501, 73.2937, 86.2450



79.1379, 73.2937, 87.8180



63.3596, 73.2937, 61.6687

Square

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



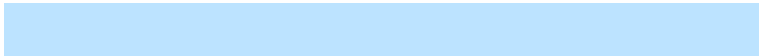
79.1379, 73.2937, 87.8180



72.4081, 73.2937, 56.5343



60.9771, 73.2937, 72.2937



66.9891, 73.2937, 108.7170

Rectangle

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



79.1379, 73.2937, 87.8180



77.8751, 73.2937, 65.7938



60.9771, 73.2937, 72.2937



62.0504, 73.2937, 95.6749

Sweetspot

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



79.1395, 73.2967, 87.8195



90.1732, 91.7558, 102.6211



74.0541, 70.3056, 104.2750



19.1591, 19.4009, 21.7804



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.



79.1395, 73.2967, 87.8195



76.5158, 68.9571, 84.1463



76.1094, 72.0847, 71.8633



18.4143, 18.1490, 20.7990



23.9468, 12.0680, 13.6361



2.3868, 1.1971, 1.6185

Inverse Universe

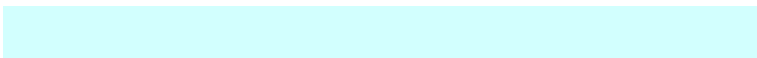
The Inverse Universe completely reimagines the original color for something new.



79.1395, 73.2967, 87.8195



76.5158, 68.9571, 84.1463



80.1495, 92.3463, 106.9471



18.4143, 18.1490, 20.7990



23.9468, 12.0680, 13.6361



2.3868, 1.1971, 1.6185

Previews

White Background



This preview shows how the XYZ color 79.1379, 73.2937, 87.8180 looks on a white background.

Color Contrast Check

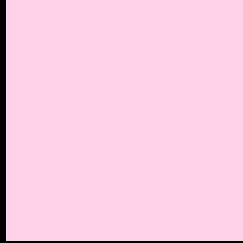
Large Text (above 18pt) WCAG AA × Fail

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 79.1379, 73.2937, 87.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

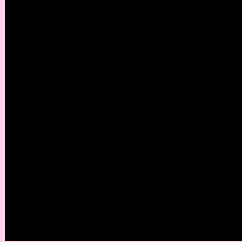
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1379, 73.2937, 87.8180

Background



This preview shows how black text looks on a background with the XYZ color 79.1379, 73.2937, 87.8180.



This preview shows how white text looks on a background with the XYZ color 79.1379, 73.2937,

87.8180.

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

79.1379, 73.2937, 87.8180

Protanopia

71.5524, 73.4359, 93.6224

Deuteranopia

75.1990, 73.5202, 87.3182



Tritanopia

78.1709, 73.2608, 83.4195

Trichromacy



Original Color

79.1379, 73.2937, 87.8180

Protanomaly

73.8497, 73.1224, 91.1107

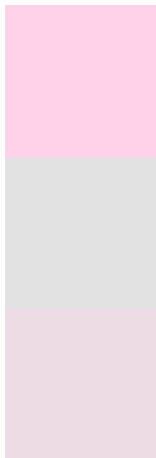
Deuteranomaly

76.4107, 73.3888, 87.2290

Tritanomaly

78.4502, 73.3725, 84.8905

Monochromacy



Original Color

79.1379, 73.2937, 87.8180

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6611, 74.8481, 84.6408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1379, 73.2937, 87.8180 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, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 234)  
}
```

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, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.1379, 73.2937, 87.8180 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, 210, 234) }
```


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

```
.border{ border-color:rgb(255, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1379, 73.2937, 87.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 234) }
```

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

```
.background{ background-color: rgb(255,  
210, 234) }
```

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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