

Converting Colors

XYZ(78.9059, 72.8464, 87.6893)

Have a look what the booklet for
XYZ(78.9059, 72.8464, 87.6893)
contains.

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Color

**XYZ(78.8917, 72.8014,
87.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EA
RGB	255, 209, 234
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1804, 0.0823
CMYK	0.00, 0.18, 0.08, 0.00
HSL	327°, 100%, 91%
HSV	327°, 18%, 100%
XYZ	78.8917, 72.8014, 87.7359
YIQ	225.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

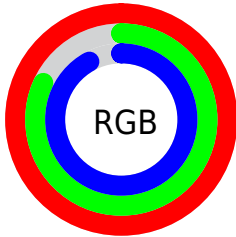
Format	Color
R _Y B	255, 209, 234
Decimal	16765418
CIE Lab	88.35, 20.10, -6.19
CIE LCh	88, 21.030, 342.879
Yxy	72.8014, 0.3295, 0.3041
Android (android.graphics.Color)	4294955498 (0xFFFFD1EA)
YUV	225.6040, 4.1392, 25.7803
Hunter-Lab	85.3237, 15.7274, -1.2396

Details

The XYZ color **78.8917, 72.8014, 87.7359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3397, 90.7896, 88.3669**, and the grayscale version is **71.9656, 75.7135, 82.4519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8802, 38.3313, 47.2581** is the 20% darker color. If you saturate the color by 10%, you get **71.5111, 60.6293, 77.2935**, and if you desaturate by 10%, it is **87.3869, 87.0261, 99.0940**.

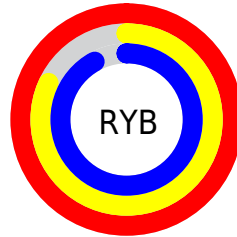
Distribution



Red (100%)

Green (82%)

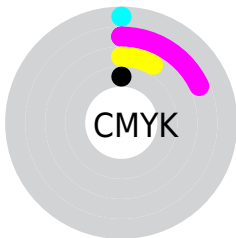
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

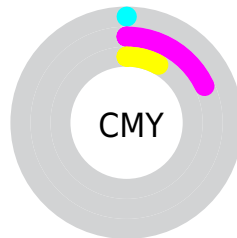


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8917, 72.8014, 87.7359 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 78.8917, 72.8014, 87.7359 by changing the saturation by 10% instead.


 78.8917, 72.8014,
87.7359

 78.8917, 72.8014,
87.7359


479.9835,
470.3262, 541.0169

 59.1121, 53.8136,
65.5413

130.7651,
123.1952, 146.0973

 42.9501, 38.4526,
47.4460


163.5896,
155.3700, 183.1012

 30.0403, 26.3342,
33.0315


201.4932,
192.7093, 225.8786

 20.0174, 17.0738,
21.8793

244.8411,
235.5974, 274.8480

 12.5160, 10.2871,
13.5707

293.9987,
284.4188, 330.4280

 7.1708, 5.5898,
7.6874

349.3314,

 3.6164, 2.5973,

339.5577, 393.0371

3.8107

411.2046,
401.3988, 463.0939

■ 1.4875, 0.9253,
1.5221

■ 0.3173, 0.0000,
0.2343

■ 78.8917, 72.8014,
87.7359

■ 78.8917, 72.8014,
87.7359

■ 71.5111, 60.6293,
77.2935

■ 87.3869, 87.0261,
99.0940

■ 65.1903, 50.4047,
67.7355

95.0500, 100.0000,
108.9000

■ 59.8776, 42.0271,
59.0347

■ 55.5144, 35.3831,
51.1608

■ 52.0360, 30.3467,
44.0808

■ 49.3688, 26.7746,
37.7585

■ 47.4263, 24.4980,
32.1528

■ 46.0920, 23.2877,
27.2123

■ 45.8695, 23.1118,
26.3087

Harmonies

Analogous

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



76.0121, 72.8014, 101.4315



78.8917, 72.8014, 87.7359



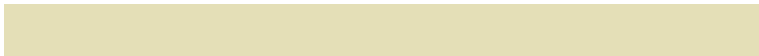
79.0948, 72.8014, 73.2326

Triad

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



78.8917, 72.8014, 87.7359



67.0546, 72.8014, 55.1418



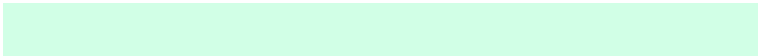
62.3243, 72.8014, 99.7267

Complementary

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



78.8917, 72.8014, 87.7359



76.3397, 90.7896, 88.3669

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.



60.1588, 72.8014, 85.6269



78.8917, 72.8014, 87.7359



62.7992, 72.8014, 60.5945

Square

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



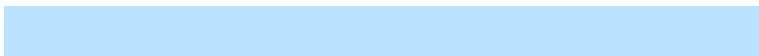
78.8917, 72.8014, 87.7359



72.0922, 72.8014, 55.5609



60.3283, 72.8014, 71.3639



66.3775, 72.8014, 108.9107

Rectangle

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



78.8917, 72.8014, 87.7359



77.6707, 72.8014, 65.1159



60.3283, 72.8014, 71.3639



61.3605, 72.8014, 95.3359

Sweetspot

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



78.8934, 72.8044, 87.7374



90.1934, 91.7639, 102.7275



73.3899, 69.5978, 104.1734



19.1641, 19.4028, 21.8063



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.



78.8934, 72.8044, 87.7374



75.8375, 67.7397, 83.4907



75.8381, 71.5823, 71.6487



18.4223, 18.1522, 20.8410



24.0442, 12.1070, 14.1489



2.3963, 1.2009, 1.6681

Inverse Universe

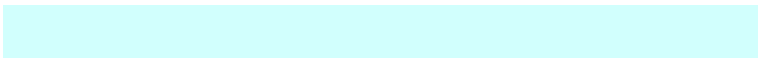
The Inverse Universe completely reimagines the original color for something new.



78.8934, 72.8044, 87.7374



75.8375, 67.7397, 83.4907



79.7381, 92.1489, 106.2623



18.4223, 18.1522, 20.8410



24.0442, 12.1070, 14.1489



2.3963, 1.2009, 1.6681

Previews

White Background



This preview shows how the XYZ color 78.8917, 72.8014, 87.7359 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 78.8917, 72.8014, 87.7359 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 78.8917, 72.8014, 87.7359

Background



This preview shows how black text looks on a background with the XYZ color 78.8917, 72.8014, 87.7359.



This preview shows how white text looks on a background with the XYZ color 78.8917, 72.8014,

87.7359.

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

78.8917, 72.8014, 87.7359

Protanopia

71.2488, 73.2794, 93.6082

Deuteranopia

74.6050, 72.8348, 87.2172



Tritanopia

77.7848, 72.7101, 82.6078

Trichromacy



Original Color

78.8917, 72.8014, 87.7359

Protanomaly

73.8497, 73.1224, 91.1107

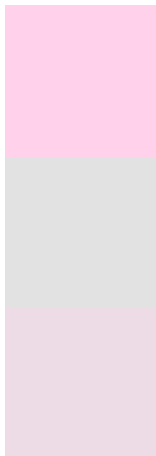
Deuteranomaly

76.1584, 72.8842, 87.1449

Tritanomaly

78.2026, 72.8772, 84.8079

Monochromacy



Original Color

78.8917, 72.8014, 87.7359

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 78.8917, 72.8014, 87.7359 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, 209, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 234) }
```

Border

The CSS property to change the border of an element to XYZ 78.8917, 72.8014, 87.7359 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, 209, 234) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8917, 72.8014, 87.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 234) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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