

Converting Colors

XYZ(78.7745, 72.7938, 86.9975)

Have a look what the booklet for
XYZ(78.7745, 72.7938, 86.9975)
contains.

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Color

**XYZ(78.7484, 72.7441,
86.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E9
RGB	255, 209, 233
RGB Percent	100%, 82%, 91%
CMY	0.0000, 0.1804, 0.0863
CMYK	0.00, 0.18, 0.09, 0.00
HSL	329°, 100%, 91%
HSV	329°, 18%, 100%
XYZ	78.7484, 72.7441, 86.9813
YIQ	225.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

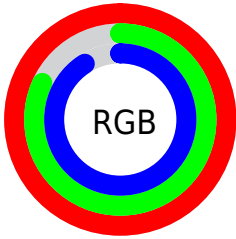
Format	Color
R _Y B	255, 209, 233
Decimal	16765417
CIE Lab	88.33, 19.93, -5.70
CIE LCh	88, 20.731, 344.032
Yxy	72.7441, 0.3302, 0.3050
Android (android.graphics.Color)	4294955497 (0xFFFFD1E9)
YUV	225.4900, 3.7024, 25.8803
Hunter-Lab	85.2902, 15.5513, -0.7625

Details

The XYZ color **78.7484, 72.7441, 86.9813** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4806, 90.8460, 89.1088**, and the grayscale version is **71.8864, 75.6301, 82.3612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7801, 38.2913, 46.7312** is the 20% darker color. If you saturate the color by 10%, you get **71.3032, 60.5461, 76.1989**, and if you desaturate by 10%, it is **87.3187, 86.9988, 98.7349**.

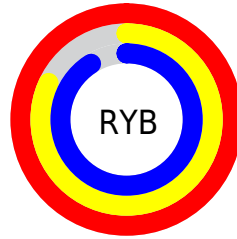
Distribution



Red (100%)

Green (82%)

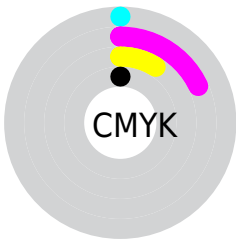
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

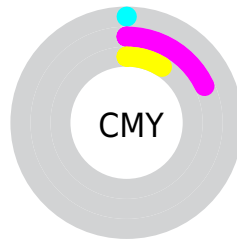


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7484, 72.7441, 86.9813 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 78.7484, 72.7441, 86.9813 by changing the saturation by 10% instead.


 78.7484, 72.7441,
86.9813

 78.7484, 72.7441,
86.9813


479.5058,
470.1274, 538.4760

 58.9939, 53.7667,
64.9202

130.5644,
123.1139, 145.0367

 42.8545, 38.4152,
46.9454


163.3566,
155.2750, 181.8681

 29.9650, 26.3051,
32.6385


201.2254,
192.5996, 224.4600

 19.9600, 17.0520,
21.5808

244.5361,
235.4720, 273.2309

 12.4741, 10.2716,
13.3538

293.6542,
284.2766, 328.5995

 7.1419, 5.5794,
7.5391

348.9449,

 3.5981, 2.5911,

339.3978, 390.9841

3.7179

410.7737,
401.2199, 460.8035

■ 1.4774, 0.9222,
1.4719

■ 0.3104, 0.0000,
0.1969

■ 78.7484, 72.7441,
86.9813

■ 78.7484, 72.7441,
86.9813

■ 71.3032, 60.5461,
76.1989

■ 87.3187, 86.9988,
98.7349

■ 64.9281, 50.2998,
66.3545

95.0500, 100.0000,
108.9000

■ 59.5708, 41.9044,
57.4193

■ 55.1726, 35.2464,
49.3612

■ 51.6684, 30.1996,
42.1451

■ 48.9841, 26.6208,
35.7329

■ 47.0329, 24.3407,
30.0813

■ 45.6978, 23.1301,
25.1365

■ 45.4761, 22.9544,
24.2368

Harmonies

Analogous

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



76.0031, 72.7441, 100.5723



78.7484, 72.7441, 86.9813



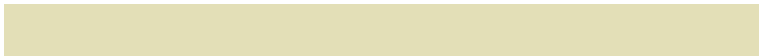
78.8396, 72.7441, 72.7492

Triad

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



78.7484, 72.7441, 86.9813



66.8482, 72.7441, 55.4965



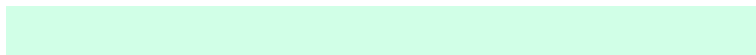
62.4914, 72.7441, 99.8074

Complementary

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



78.7484, 72.7441, 86.9813



76.4806, 90.8460, 89.1088

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.



60.2725, 72.7441, 86.0338



78.7484, 72.7441, 86.9813



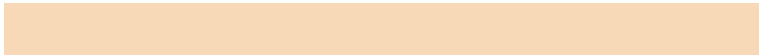
62.7051, 72.7441, 61.1027

Square

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



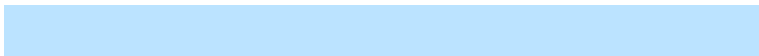
78.7484, 72.7441, 86.9813



71.8052, 72.7441, 55.6855



60.3488, 72.7441, 71.9084



66.5437, 72.7441, 108.5617

Rectangle

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



78.7484, 72.7441, 86.9813



77.3726, 72.7441, 64.8459



60.3488, 72.7441, 71.9084



61.5152, 72.7441, 95.5434

Sweetspot

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



78.7501, 72.7471, 86.9828



90.1502, 91.7466, 102.4997



73.6361, 69.7247, 104.1849



19.1535, 19.3986, 21.7509



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.



78.7501, 72.7471, 86.9828



75.6673, 67.6716, 82.5948



75.7421, 71.5439, 71.1428



18.4052, 18.1454, 20.7510



23.8382, 12.0246, 13.0645



2.3763, 1.1929, 1.5629

Inverse Universe

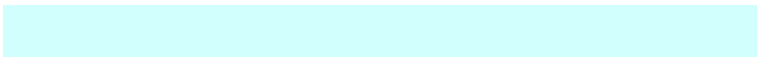
The Inverse Universe completely reimagines the original color for something new.



78.7501, 72.7471, 86.9828



75.6673, 67.6716, 82.5948



79.8603, 92.1978, 106.9058



18.4052, 18.1454, 20.7510



23.8382, 12.0246, 13.0645



2.3763, 1.1929, 1.5629

Previews

White Background



This preview shows how the XYZ color 78.7484, 72.7441, 86.9813 looks on a white background.

Color Contrast Check

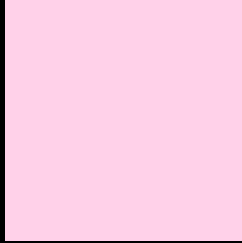
Large Text (above 18pt) WCAG AA × Fail

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 78.7484, 72.7441, 86.9813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

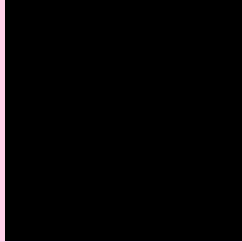
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7484, 72.7441, 86.9813

Background



This preview shows how black text looks on a background with the XYZ color 78.7484, 72.7441, 86.9813.



This preview shows how white text looks on a background with the XYZ color 78.7484, 72.7441,

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

78.7484, 72.7441, 86.9813

Protanopia

71.1402, 72.8498, 92.7500

Deuteranopia

74.4625, 72.7778, 86.4669



Tritanopia

77.6471, 72.6550, 81.8829

Trichromacy



Original Color

78.7484, 72.7441, 86.9813

Protanomaly

73.4462, 72.5498, 90.2532

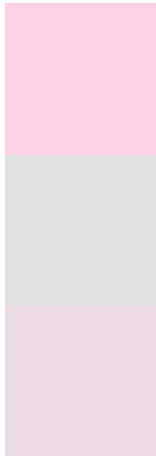
Deuteranomaly

76.0159, 72.8272, 86.3945

Tritanomaly

78.0625, 72.8212, 84.0703

Monochromacy



Original Color

78.7484, 72.7441, 86.9813

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9272, 74.0973, 83.8046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7484, 72.7441, 86.9813 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 233) }
```

Border

The CSS property to change the border of an element to XYZ 78.7484, 72.7441, 86.9813 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, 233) }
```


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

```
.border{ border-color:rgb(255, 209, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7484, 72.7441, 86.9813 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
209, 233) }
```

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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