

Converting Colors

XYZ(78.3345, 72.2419, 85.8395)

Have a look what the booklet for
XYZ(78.3345, 72.2419, 85.8395)
contains.

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Color

**XYZ(78.3614, 72.1979,
86.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0E8
RGB	255, 208, 232
RGB Percent	100%, 82%, 91%
CMY	0.0000, 0.1843, 0.0902
CMYK	0.00, 0.18, 0.09, 0.00
HSL	329°, 100%, 91%
HSV	329°, 18%, 100%
XYZ	78.3614, 72.1979, 86.1494
YIQ	224.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

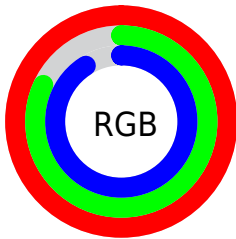
Format	Color
R _Y B	255, 208, 232
Decimal	16765160
CIE Lab	88.06, 20.29, -5.56
CIE LCh	88, 21.038, 344.673
Yxy	72.1979, 0.3310, 0.3050
Android (android.graphics.Color)	4294955240 (0xFFFFD0E8)
YUV	224.7890, 3.5550, 26.4950
Hunter-Lab	84.9693, 15.9219, -0.6349

Details

The XYZ color **78.3614, 72.1979, 86.1494** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1985, 90.7005, 89.0955**, and the grayscale version is **71.3830, 75.1005, 81.7844**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5164, 37.9228, 46.1533** is the 20% darker color. If you saturate the color by 10%, you get **70.9267, 60.0655, 75.2341**, and if you desaturate by 10%, it is **86.9246, 86.3855, 98.0639**.

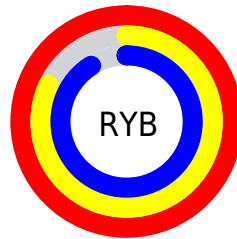
Distribution



Red (100%)

Green (82%)

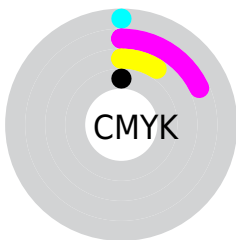
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

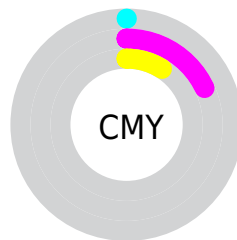


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3614, 72.1979, 86.1494 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 78.3614, 72.1979, 86.1494 by changing the saturation by 10% instead.


 78.3614, 72.1979,
86.1494

 78.3614, 72.1979,
86.1494


478.2144,
468.2301, 535.6672

 58.6747, 53.3204,
64.2359


130.0221,
122.3378, 143.8663

 42.5967, 38.0586,
46.3944


162.7269,
154.3690, 180.5069

 29.7619, 26.0281,
32.2062


200.5017,
191.5536, 222.8935

 19.8051, 16.8447,
21.2529

243.7120,
234.2758, 271.4448

 12.3609, 10.1238,
13.1160

292.7230,
282.9202, 326.5793

 7.0639, 5.4811,
7.3768

347.9002,

 3.5488, 2.5322,

337.8711, 388.7155

3.6168

409.6089,
399.5130, 458.2719

■ 1.4502, 0.8927,
1.4176

■ 0.2916, 0.0000,
0.1554

■ 78.3614, 72.1979,
86.1494

■ 78.3614, 72.1979,
86.1494

■ 70.9267, 60.0655,
75.2341

■ 86.9246, 86.3855,
98.0639

■ 64.5656, 49.8830,
65.2840

95.0500, 100.0000,
108.9000

■ 59.2253, 41.5492,
56.2692

■ 54.8467, 34.9501,
48.1564

■ 51.3641, 29.9590,
40.9094

■ 48.7029, 26.4315,
34.4887

■ 46.7753, 24.1971,
28.8498

■ 45.4596, 23.0174,
23.9359

■ 45.2830, 22.8772,
23.2202

Harmonies

Analogous

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



75.6365, 72.1979, 99.9608



78.3614, 72.1979, 86.1494



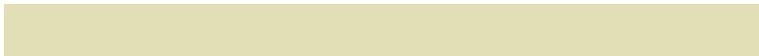
78.3926, 72.1979, 71.8129

Triad

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



78.3614, 72.1979, 86.1494



66.2052, 72.1979, 54.7804



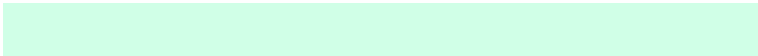
61.9822, 72.1979, 99.6990

Complementary

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



78.3614, 72.1979, 86.1494



76.1985, 90.7005, 89.0955

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.



59.6989, 72.1979, 85.8256



78.3614, 72.1979, 86.1494



62.0551, 72.1979, 60.5410

Square

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



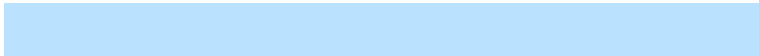
78.3614, 72.1979, 86.1494



71.2059, 72.1979, 54.8447



59.7249, 72.1979, 71.5262



66.1013, 72.1979, 108.4093

Rectangle

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



78.3614, 72.1979, 86.1494



76.8728, 72.1979, 63.9062



59.7249, 72.1979, 71.5262



60.9836, 72.1979, 95.4149

Sweetspot

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



78.3630, 72.2008, 86.1509



89.1795, 90.1508, 101.1113



73.4719, 69.2769, 104.1071



18.9568, 19.0766, 21.4653



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.



78.3630, 72.2008, 86.1509



75.5809, 67.6370, 82.1398



75.2798, 70.9676, 69.9152



18.3965, 18.1419, 20.7051



23.7371, 11.9841, 12.5318



2.3664, 1.1889, 1.5109

Inverse Universe

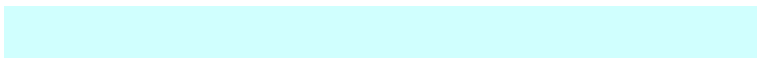
The Inverse Universe completely reimagines the original color for something new.



78.3630, 72.2008, 86.1509



75.5809, 67.6370, 82.1398



79.6982, 92.1004, 107.5246



18.3965, 18.1419, 20.7051



23.7371, 11.9841, 12.5318



2.3664, 1.1889, 1.5109

Previews

White Background



This preview shows how the XYZ color 78.3614, 72.1979, 86.1494 looks on a white background.

Color Contrast Check

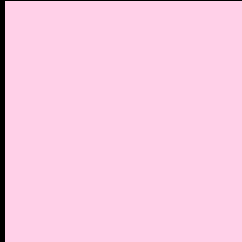
Large Text (above 18pt) WCAG AA × Fail

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 78.3614, 72.1979, 86.1494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

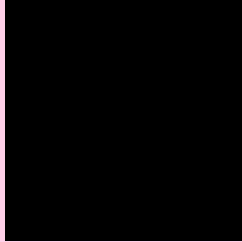
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3614, 72.1979, 86.1494

Background



This preview shows how black text looks on a background with the XYZ color 78.3614, 72.1979, 86.1494.



This preview shows how white text looks on a background with the XYZ color 78.3614, 72.1979,

86.1494.

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

78.3614, 72.1979, 86.1494

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.9841, 72.5475, 85.7050



Tritanopia

77.2641, 72.1080, 81.0801

Trichromacy



Original Color

78.3614, 72.1979, 86.1494

Protanomaly

73.3005, 72.4915, 89.4858

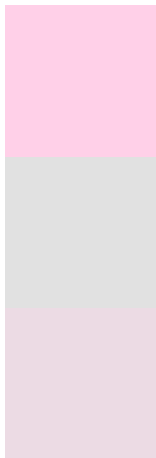
Deuteranomaly

75.2755, 72.0896, 85.5485

Tritanomaly

77.6771, 72.2732, 83.2549

Monochromacy



Original Color

78.3614, 72.1979, 86.1494

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 78.3614, 72.1979, 86.1494 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, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 232)  
}
```

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, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 232) }
```

Border

The CSS property to change the border of an element to XYZ 78.3614, 72.1979, 86.1494 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, 208, 232) }
```


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

```
.border{ border-color:rgb(255, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3614, 72.1979, 86.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 232) }
```

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

```
.background{ background-color: rgb(255,  
208, 232) }
```

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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