

Converting Colors

XYZ(77.8634, 71.9008, 83.8295)

Have a look what the booklet for
XYZ(77.8634, 71.9008, 83.8295)
contains.

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Color

**XYZ(77.9387, 72.0289,
83.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0E5
RGB	255, 208, 229
RGB Percent	100%, 82%, 90%
CMY	0.0000, 0.1843, 0.1020
CMYK	0.00, 0.18, 0.10, 0.00
HSL	333°, 100%, 91%
HSV	333°, 18%, 100%
XYZ	77.9387, 72.0289, 83.9239
YIQ	224.4470, 21.2710, 16.4950

Conversions

Conversions Part 2

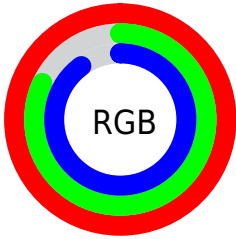
Format	Color
R _Y B	255, 208, 229
Decimal	16765157
CIE Lab	87.98, 19.79, -4.09
CIE LCh	88, 20.214, 348.314
Yxy	72.0289, 0.3332, 0.3080
Android (android.graphics.Color)	4294955237 (0xFFFFD0E5)
YUV	224.4470, 2.2446, 26.7950
Hunter-Lab	84.8698, 15.4001, 0.7797

Details

The XYZ color **77.9387, 72.0289, 83.9239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6261, 90.8716, 91.3468**, and the grayscale version is **71.1466, 74.8518, 81.5136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3199, 37.8442, 45.1186** is the 20% darker color. If you saturate the color by 10%, you get **70.3239, 59.8244, 72.0593**, and if you desaturate by 10%, it is **86.7165, 86.3024, 96.9678**.

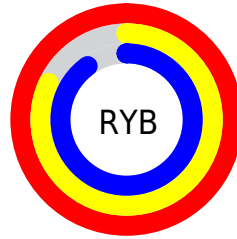
Distribution



Red (100%)

Green (82%)

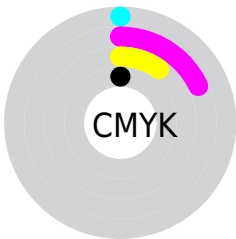
Blue (90%)



Red (100%)

Yellow (82%)

Blue (90%)

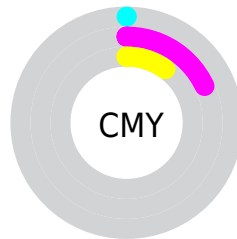


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9387, 72.0289, 83.9239 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 77.9387, 72.0289, 83.9239 by changing the saturation by 10% instead.


 77.9387, 72.0289,
83.9239

 77.9387, 72.0289,
83.9239


476.8016,
467.6422, 528.1119

 58.3262, 53.1823,
62.4076


129.4295,
122.0976, 140.7295

 42.3153, 37.9483,
44.9242


162.0386,
154.0885, 176.8559

 29.5404, 25.9426,
31.0552


199.7106,
191.2296, 218.6893

 19.6363, 16.7807,
20.3821

242.8108,
233.9053, 266.6484

 12.2377, 10.0782,
12.4863

291.7047,
282.5001, 321.1517

 6.9791, 5.4509,
6.9492

346.7576,

 3.4953, 2.5142,

337.3982, 382.6177

3.3524

408.3347,
398.9841, 451.4649

■ 1.4208, 0.8837,
1.2773

■ 0.2709, 0.0000,
0.0430

■ 77.9387, 72.0289,
83.9239

■ 77.9387, 72.0289,
83.9239

■ 70.3239, 59.8244,
72.0593

■ 86.7165, 86.3024,
96.9678

■ 63.8155, 49.5830,
61.3338

95.0500, 100.0000,
108.9000

■ 58.3597, 41.2030,
51.7108

■ 53.8961, 34.5699,
43.1502

■ 50.3574, 29.5563,
35.6084

■ 47.6678, 26.0175,
29.0382

■ 45.7379, 23.7821,
23.3867

■ 44.4441, 22.6112,
18.5882

■ 44.2730, 22.4732,
17.9017

Harmonies

Analogous

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



75.6145, 72.0289, 97.4255



77.9387, 72.0289, 83.9239



77.6369, 72.0289, 70.3831

Triad

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



77.9387, 72.0289, 83.9239



65.5917, 72.0289, 55.8424



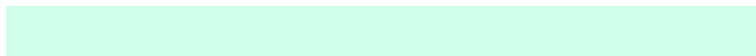
62.4840, 72.0289, 99.9536

Complementary

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



77.9387, 72.0289, 83.9239



76.6261, 90.8716, 91.3468

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.



60.0388, 72.0289, 87.0620



77.9387, 72.0289, 83.9239



61.7741, 72.0289, 62.0747

Square

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



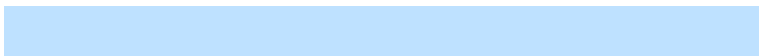
77.9387, 72.0289, 83.9239



70.3546, 72.0289, 55.2117



59.7852, 72.0289, 73.1760



66.6023, 72.0289, 107.3795

Rectangle

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



77.9387, 72.0289, 83.9239



75.9894, 72.0289, 63.1033



59.7852, 72.0289, 73.1760



61.4476, 72.0289, 96.0505

Sweetspot

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



77.9404, 72.0319, 83.9254



89.0287, 90.0904, 100.3172



74.4907, 69.8022, 104.1548



18.9212, 19.0624, 21.2777



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.



77.9404, 72.0319, 83.9254



75.0900, 67.4407, 79.5548



75.7604, 72.0834, 69.5989



18.3466, 18.1220, 20.4426



23.2062, 11.7718, 9.7362



2.3135, 1.1678, 1.2325

Inverse Universe

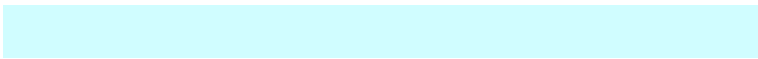
The Inverse Universe completely reimagines the original color for something new.



77.9404, 72.0319, 83.9254



75.0900, 67.4407, 79.5548



79.0791, 90.6607, 107.9391



18.3466, 18.1220, 20.4426



23.2062, 11.7718, 9.7362



2.3135, 1.1678, 1.2325

Previews

White Background



This preview shows how the XYZ color 77.9387, 72.0289, 83.9239 looks on a white background.

Color Contrast Check

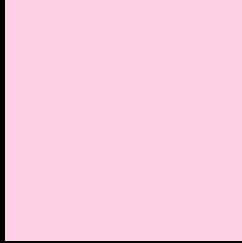
Large Text (above 18pt) WCAG AA × Fail

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 77.9387, 72.0289, 83.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

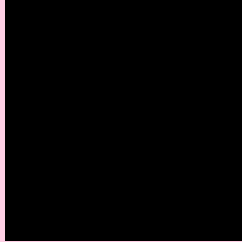
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9387, 72.0289, 83.9239

Background



This preview shows how black text looks on a background with the XYZ color 77.9387, 72.0289, 83.9239.

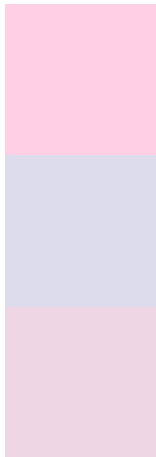


This preview shows how white text looks on a background with the XYZ color 77.9387, 72.0289,

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

77.9387, 72.0289, 83.9239

Protanopia

70.2487, 72.4582, 89.6402

Deuteranopia

73.6468, 72.0453, 83.4233



Tritanopia

77.2641, 72.1080, 81.0801

Trichromacy



Original Color

77.9387, 72.0289, 83.9239

Protanomaly

72.8681, 72.3186, 87.2091

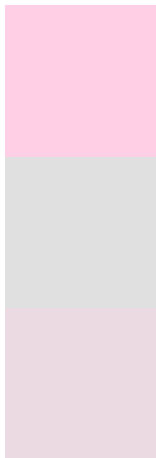
Deuteranomaly

75.2033, 72.1009, 83.3520

Tritanomaly

77.4010, 72.1627, 81.8008

Monochromacy



Original Color

77.9387, 72.0289, 83.9239

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0598, 73.2960, 82.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9387, 72.0289, 83.9239 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.9387, 72.0289, 83.9239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

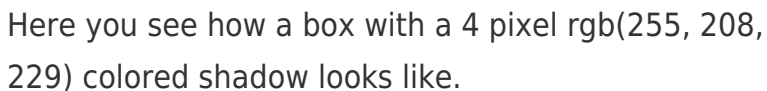
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 208, 229) }
```


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

```
.border{ border-color:rgb(255, 208, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 229); box-shadow:4px 4px 4px 4px rgb(255, 208, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9387, 72.0289, 83.9239 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
208, 229) }
```

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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