

Converting Colors

XYZ(77.2790, 72.1956, 79.1224)

Have a look what the booklet for
XYZ(77.2790, 72.1956, 79.1224)
contains.

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Color

**XYZ(77.2253, 72.1349,
78.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DE
RGB	255, 209, 222
RGB Percent	100%, 82%, 87%
CMY	0.0000, 0.1804, 0.1294
CMYK	0.00, 0.18, 0.13, 0.00
HSL	343°, 100%, 91%
HSV	343°, 18%, 100%
XYZ	77.2253, 72.1349, 78.9604
YIQ	224.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

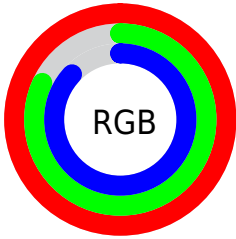
Format	Color
R _Y B	255, 209, 222
Decimal	16765406
CIE Lab	88.03, 18.14, -0.32
CIE LCh	88, 18.146, 358.998
Yxy	72.1349, 0.3382, 0.3159
Android (android.graphics.Color)	4294955486 (0xFFFFD1DE)
YUV	224.2360, -1.1023, 26.9800
Hunter-Lab	84.9323, 13.6710, 4.3315

Details

The XYZ color **77.2253, 72.1349, 78.9604** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0840, 91.4873, 97.5515**, and the grayscale version is **71.0178, 74.7162, 81.3660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8194, 37.9070, 41.6719** is the 20% darker color. If you saturate the color by 10%, you get **69.1419, 59.6817, 64.8177**, and if you desaturate by 10%, it is **86.5794, 86.7032, 94.8414**.

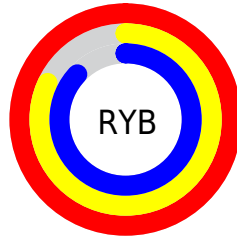
Distribution



Red (100%)

Green (82%)

Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

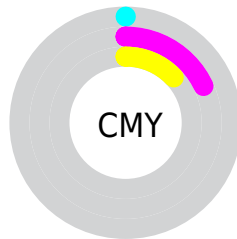


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2253, 72.1349, 78.9604 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 77.2253, 72.1349, 78.9604 by changing the saturation by 10% instead.

77.2253, 72.1349,
78.9604

77.2253, 72.1349,
78.9604

474.4120,
468.0110, 511.0364

57.7384, 53.2689,
58.3421

128.4286,
122.2483, 133.7013

41.8408, 38.0175,
41.6672

160.8757,
154.2645, 168.6609

29.1672, 25.9962,
28.5172

198.3736,
191.4328, 209.2382

19.3523, 16.8208,
18.4735

241.2876,
234.1377, 255.8515

12.0306, 10.1068,
11.1175

289.9831,
282.7636, 308.9194

6.8369, 5.4698,
6.0308

344.8254,

3.4057, 2.5255,

337.6949, 368.8605

2.7947

406.1799,
399.3159, 436.0934

■ 1.3718, 0.8894,
0.9908

■ 0.2360, 0.0000,
0.0000

■ 77.2253, 72.1349,
78.9604

■ 77.2253, 72.1349,
78.9604

■ 69.1419, 59.6817,
64.8177

■ 86.5794, 86.7032,
94.8414

■ 62.2683, 49.2360,
52.3483

95.0500, 100.0000,
108.9000

■ 56.5458, 40.6945,
41.4899

■ 51.9088, 33.9409,
32.1741

■ 48.2848, 28.8462,
24.3275

■ 45.5919, 25.2639,
17.8700

■ 43.7347, 23.0214,
12.7129

■ 42.5864, 21.8855,
8.7518

■ 42.4113, 21.7285,
8.0978

Harmonies

Analogous

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



75.9466, 72.1349, 91.4715



77.2253, 72.1349, 78.9604



76.1026, 72.1349, 67.5445

Triad

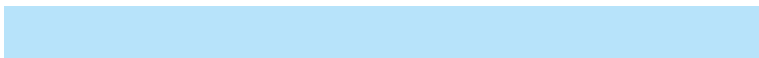
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2253, 72.1349, 78.9604



64.6058, 72.1349, 59.4840



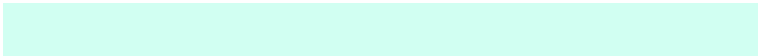
64.3637, 72.1349, 100.7975

Complementary

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



77.2253, 72.1349, 78.9604



78.0840, 91.4873, 97.5515

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.



61.5368, 72.1349, 90.6743



77.2253, 72.1349, 78.9604



61.6724, 72.1349, 66.8934

Square

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



77.2253, 72.1349, 78.9604



68.7078, 72.1349, 57.0385



60.5722, 72.1349, 78.1264



68.4166, 72.1349, 104.8682

Rectangle

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



77.2253, 72.1349, 78.9604



74.1691, 72.1349, 61.8916



60.5722, 72.1349, 78.1264



63.2449, 72.1349, 97.9406

Sweetspot

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



77.2270, 72.1379, 78.9619



89.6785, 91.5579, 100.0159



77.4591, 71.6956, 104.3638



19.0391, 19.3528, 21.1481



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

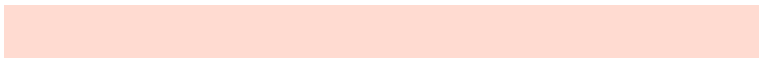
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2270, 72.1379, 78.9619



73.8741, 66.9543, 73.1520



78.0735, 76.5119, 70.9790



18.2203, 18.0714, 19.7774



22.2155, 11.3755, 4.5193



2.2074, 1.1253, 0.6737

Inverse Universe

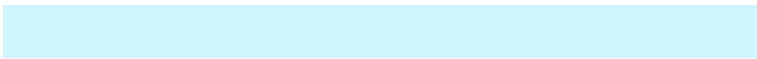
The Inverse Universe completely reimagines the original color for something new.



77.2270, 72.1379, 78.9619



73.8741, 66.9543, 73.1520



77.0091, 86.1020, 107.1683



18.2203, 18.0714, 19.7774



22.2155, 11.3755, 4.5193



2.2074, 1.1253, 0.6737

Previews

White Background



This preview shows how the XYZ color 77.2253, 72.1349, 78.9604 looks on a white background.

Color Contrast Check

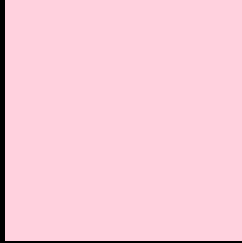
Large Text (above 18pt) WCAG AA × Fail

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 77.2253, 72.1349, 78.9604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

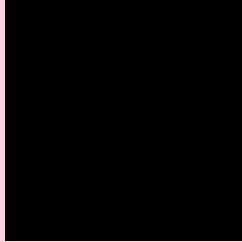
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2253, 72.1349, 78.9604

Background



This preview shows how black text looks on a background with the XYZ color 77.2253, 72.1349, 78.9604.

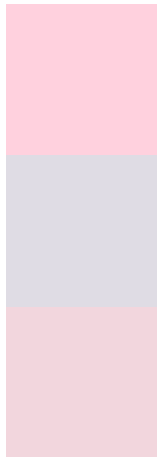


This preview shows how white text looks on a background with the XYZ color 77.2253, 72.1349,

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

77.2253, 72.1349, 78.9604

Protanopia

70.0282, 72.4758, 83.6971

Deuteranopia

73.7157, 72.1908, 78.4556



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

77.2253, 72.1349, 78.9604

Protanomaly

72.5443, 72.2649, 82.0765

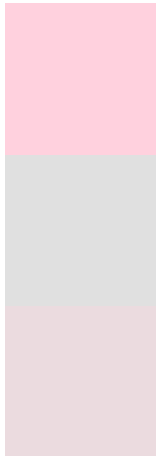
Deuteranomaly

74.9524, 72.0816, 78.3693

Tritanomaly

77.4950, 72.2427, 80.3808

Monochromacy



Original Color

77.2253, 72.1349, 78.9604

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9118, 73.6529, 80.1856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2253, 72.1349, 78.9604 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 222) }
```

Border

The CSS property to change the border of an element to XYZ 77.2253, 72.1349, 78.9604 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, 222) }
```


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

```
.border{ border-color:rgb(255, 209, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2253, 72.1349, 78.9604 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
209, 222) }
```

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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