

Converting Colors

XYZ(77.1706, 72.7194, 76.8030)

Have a look what the booklet for
XYZ(77.1706, 72.7194, 76.8030)
contains.

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Color

**XYZ(77.3204, 72.9630,
77.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3DB
RGB	255, 211, 219
RGB Percent	100%, 83%, 86%
CMY	0.0000, 0.1725, 0.1412
CMYK	0.00, 0.17, 0.14, 0.00
HSL	349°, 100%, 91%
HSV	349°, 17%, 100%
XYZ	77.3204, 72.9630, 77.0259
YIQ	225.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

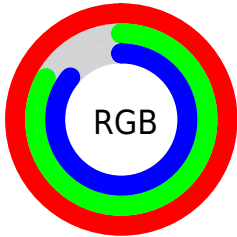
Format	Color
R _Y B	255, 211, 219
Decimal	16765915
CIE Lab	88.43, 16.62, 1.85
CIE LCh	88, 16.727, 6.336
Yxy	72.9630, 0.3402, 0.3210
Android (android.graphics.Color)	4294955995 (0xFFFFD3DB)
YUV	225.0680, -2.9915, 26.2504
Hunter-Lab	85.4184, 12.0954, 6.3282

Details

The XYZ color **77.3204, 72.9630, 77.0259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4149, 92.0855, 101.5881**, and the grayscale version is **71.6274, 75.3576, 82.0644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8780, 38.4630, 40.3389** is the 20% darker color. If you saturate the color by 10%, you get **68.9038, 60.2536, 61.5067**, and if you desaturate by 10%, it is **87.0898, 87.8262, 94.6967**.

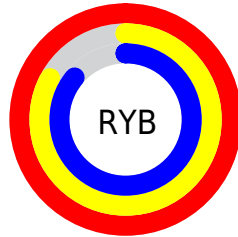
Distribution



Red (100%)

Green (83%)

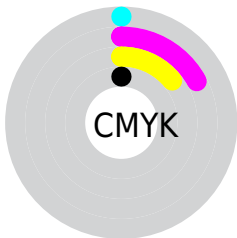
Blue (86%)



Red (100%)

Yellow (83%)

Blue (86%)

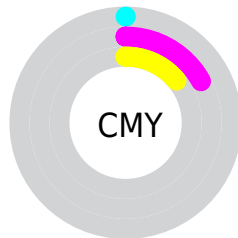


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3204, 72.9630, 77.0259 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 77.3204, 72.9630, 77.0259 by changing the saturation by 10% instead.


 77.3204, 72.9630,
77.0259

 77.3204, 72.9630,
77.0259


474.7309,
470.8866, 504.2923

 57.8167, 53.9457,
56.7624


128.5621,
123.4247, 130.9494

 41.9040, 38.5583,
40.4065


161.0308,
155.6379, 165.4465

 29.2169, 26.4163,
27.5394


198.5520,
193.0185, 205.5252

 19.3901, 17.1353,
17.7427

241.4908,
235.9509, 251.6042

 12.0582, 10.3310,
10.5979

290.2128,
284.8195, 304.1018

 6.8558, 5.6190,
5.6864

345.0833,

 3.4176, 2.6148,

340.0087, 363.4367

2.5897

406.4675,
401.9029, 430.0273

■ 1.3782, 0.9341,
0.8871

■ 0.2407, 0.0000,
0.0000

■ 77.3204, 72.9630,
77.0259

■ 77.3204, 72.9630,
77.0259

■ 68.9038, 60.2536,
61.5067

■ 87.0898, 87.8262,
94.6967

■ 61.7746, 49.5889,
48.0520

95.0500, 100.0000,
108.9000

■ 55.8703, 40.8645,
36.5753

■ 51.1205, 33.9631,
26.9822

■ 47.4479, 28.7545,
19.1706

■ 44.7651, 25.0914,
13.0282

■ 42.9709, 22.8008,
8.4294

■ 41.9376, 21.6607,
5.2284

■ 41.7399, 21.4600,
4.5626

Harmonies

Analogous

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



76.6740, 72.9630, 88.6669



77.3204, 72.9630, 77.0259



75.7654, 72.9630, 67.0340

Triad

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



77.3204, 72.9630, 77.0259



64.8684, 72.9630, 62.9095



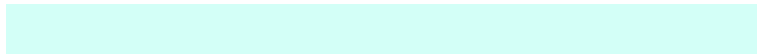
66.2921, 72.9630, 101.4985

Complementary

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



77.3204, 72.9630, 77.0259



79.4149, 92.0855, 101.5881

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.



63.3058, 72.9630, 93.2989



77.3204, 72.9630, 77.0259



62.5063, 72.9630, 70.8844

Square

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



77.3204, 72.9630, 77.0259



68.4995, 72.9630, 59.4074



61.9455, 72.9630, 81.9128



70.2058, 72.9630, 103.5451

Rectangle

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



77.3204, 72.9630, 77.0259



73.7236, 72.9630, 62.4041



61.9455, 72.9630, 81.9128



65.1512, 72.9630, 99.3343

Sweetspot

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



77.3222, 72.9661, 77.0274



89.4820, 91.4794, 98.9812



79.6805, 73.5738, 104.6093



18.9914, 19.3338, 20.8974



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

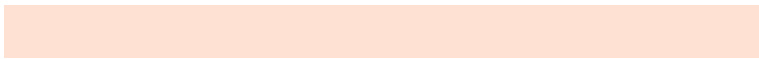
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3222, 72.9661, 77.0274



74.0124, 67.9557, 70.9636



79.9070, 79.7801, 72.8196



18.1442, 18.0410, 19.3763



21.8486, 11.2287, 2.5871



2.1620, 1.1072, 0.4344

Inverse Universe

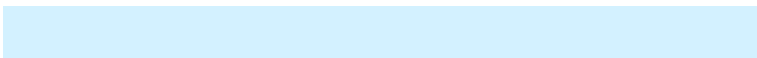
The Inverse Universe completely reimagines the original color for something new.



77.3222, 72.9661, 77.0274



74.0124, 67.9557, 70.9636



76.3913, 84.0210, 106.7992



18.1442, 18.0410, 19.3763



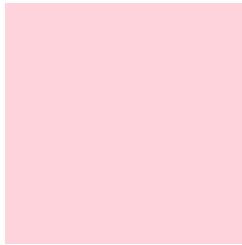
21.8486, 11.2287, 2.5871



2.1620, 1.1072, 0.4344

Previews

White Background



This preview shows how the XYZ color 77.3204, 72.9630, 77.0259 looks on a white background.

Color Contrast Check

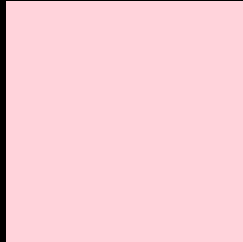
Large Text (above 18pt) WCAG AA × Fail

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 77.3204, 72.9630, 77.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

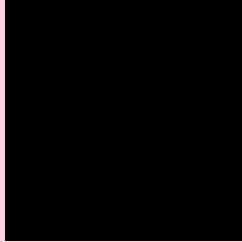
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3204, 72.9630, 77.0259

Background



This preview shows how black text looks on a background with the XYZ color 77.3204, 72.9630, 77.0259.

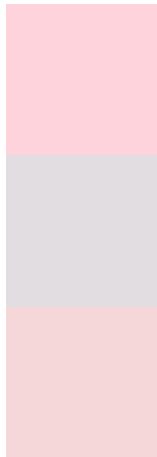


This preview shows how white text looks on a background with the XYZ color 77.3204, 72.9630,

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

77.3204, 72.9630, 77.0259

Protanopia

70.4984, 73.1567, 81.6392

Deuteranopia

74.6115, 73.0753, 76.5022



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

77.3204, 72.9630, 77.0259

Protanomaly

72.7242, 72.7863, 80.0282

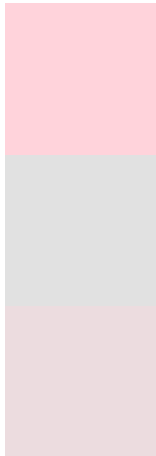
Deuteranomaly

75.7684, 73.2948, 76.4836

Tritanomaly

77.6059, 72.6809, 79.7506

Monochromacy



Original Color

77.3204, 72.9630, 77.0259

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5046, 74.3470, 80.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3204, 72.9630, 77.0259 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, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 219)  
}
```

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, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.3204, 72.9630, 77.0259 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, 211, 219) }
```


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

```
.border{ border-color:rgb(255, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3204, 72.9630, 77.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 219) }
```

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

```
.background{ background-color: rgb(255,  
211, 219) }
```

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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