

Converting Colors

XYZ(78.3697, 72.6319, 84.8660)

Have a look what the booklet for
XYZ(78.3697, 72.6319, 84.8660)
contains.

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Color

**XYZ(78.3234, 72.5741,
84.7430)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD1E6 |
| RGB | 255, 209, 230 |
| RGB Percent | 100%, 82%, 90% |
| CMY | 0.0000, 0.1804, 0.0980 |
| CMYK | 0.00, 0.18, 0.10, 0.00 |
| HSL | 333°, 100%, 91% |
| HSV | 333°, 18%, 100% |
| XYZ | 78.3234, 72.5741, 84.7430 |
| YIQ | 225.1480, 20.6750, 16.2830 |

Conversions

Conversions Part 2

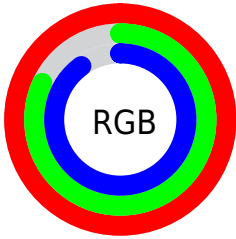
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 209, 230 |
| Decimal | 16765414 |
| CIE _{Lab} | 88.24, 19.44, -4.24 |
| CIE _{LCh} | 88, 19.892, 347.700 |
| Yxy | 72.5741, 0.3324, 0.3080 |
| Android (android.graphics.Color) | 4294955494 (0xFFFFD1E6) |
| YUV | 225.1480, 2.3920, 26.1802 |
| Hunter-Lab | 85.1904, 15.0282, 0.6547 |

Details

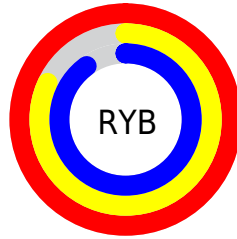
The XYZ color **78.3234, 72.5741, 84.7430** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9081, 91.0170, 91.3599**, and the grayscale version is **71.6489, 75.3802, 82.0890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5822, 38.2121, 45.6888** is the 20% darker color. If you saturate the color by 10%, you get **70.6910, 60.3013, 72.9753**, and if you desaturate by 10%, it is **87.1151, 86.9174, 97.6627**.

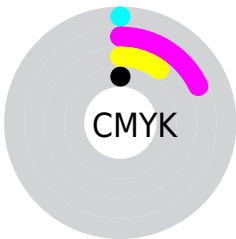
Distribution



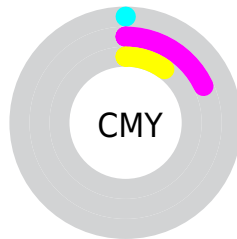
- Red (100%)
- Green (82%)
- Blue (90%)



- 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 78.3234, 72.5741, 84.7430 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 78.3234, 72.5741, 84.7430 by changing the saturation by 10% instead.

 78.3234, 72.5741,
84.7430

 78.3234, 72.5741,
84.7430


478.0875,
469.5374, 530.8997

 58.6434, 53.6278,
63.0801


129.9689,
122.8724, 141.8850

 42.5714, 38.3042,
45.4646


162.6650,
154.9932, 178.2013

 29.7420, 26.2188,
31.4779

200.4306,
192.2742, 220.2390

 19.7900, 16.9874,
20.7015

243.6310,
235.0999, 268.4168

 12.3498, 10.2255,
12.7169

292.6315,
283.8547, 323.1533

 7.0563, 5.5487,
7.1055

347.7975,

 3.5440, 2.5727,

338.9230, 384.8669

3.4487

409.4944,
400.6890, 453.9762

■ 1.4475, 0.9130,
1.3281

■ 0.2897, 0.0000,
0.0846

■ 78.3234, 72.5741,
84.7430

■ 78.3234, 72.5741,
84.7430

■ 70.6910, 60.3013,
72.9753

■ 87.1151, 86.9174,
97.6627

■ 64.1620, 49.9934,
62.3202

95.0500, 100.0000,
108.9000

■ 58.6827, 41.5492,
52.7428

■ 54.1933, 34.8546,
44.2038

■ 50.6270, 29.7831,
36.6613

■ 47.9086, 26.1906,
30.0694

■ 45.9497, 23.9074,
24.3770

■ 44.6315, 22.7035,
19.5215

■ 44.4159, 22.5303,
18.6538

Harmonies

Analogous

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



75.9799, 72.5741, 98.0270



78.3234, 72.5741, 84.7430



78.0805, 72.5741, 71.3091

Triad

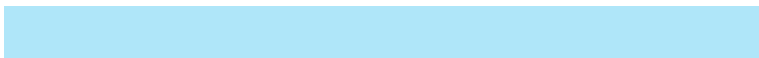
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3234, 72.5741, 84.7430



66.2314, 72.5741, 56.5682



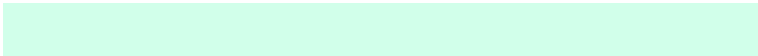
62.9957, 72.5741, 100.0590

Complementary

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



78.3234, 72.5741, 84.7430



76.9081, 91.0170, 91.3599

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.



60.6147, 72.5741, 87.2695



78.3234, 72.5741, 84.7430



62.4229, 72.5741, 62.6453

Square

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



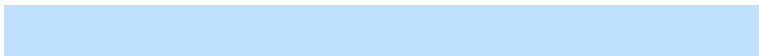
78.3234, 72.5741, 84.7430



70.9496, 72.5741, 56.0577



60.4100, 72.5741, 73.5623



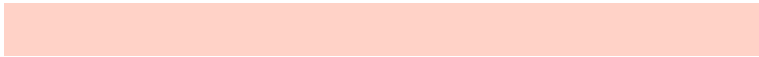
67.0462, 72.5741, 107.5283

Rectangle

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



78.3234, 72.5741, 84.7430



76.4851, 72.5741, 64.0373



60.4100, 72.5741, 73.5623



61.9817, 72.5741, 96.1764

Sweetspot

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



78.3250, 72.5771, 84.7445



90.0208, 91.6949, 101.8183



74.6315, 70.2379, 104.2315



19.1221, 19.3860, 21.5854



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.



78.3250, 72.5771, 84.7445



75.1641, 67.4703, 79.9447



75.9293, 72.2236, 70.2641



18.3542, 18.1250, 20.4824



23.2815, 11.8019, 10.1326



2.3211, 1.1708, 1.2726

Inverse Universe

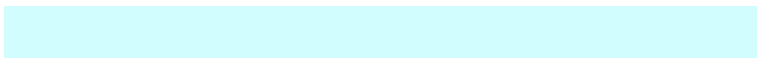
The Inverse Universe completely reimagines the original color for something new.



78.3250, 72.5771, 84.7445



75.1641, 67.4703, 79.9447



79.6190, 91.3219, 108.0383



18.3542, 18.1250, 20.4824



23.2815, 11.8019, 10.1326



2.3211, 1.1708, 1.2726

Previews

White Background



This preview shows how the XYZ color 78.3234, 72.5741, 84.7430 looks on a white background.

Color Contrast Check

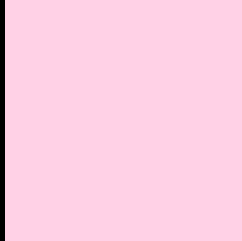
Large Text (above 18pt) WCAG AA × Fail

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 78.3234, 72.5741, 84.7430 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 78.3234, 72.5741, 84.7430

Background



This preview shows how black text looks on a background with the XYZ color 78.3234, 72.5741, 84.7430.



This preview shows how white text looks on a background with the XYZ color 78.3234, 72.5741,

84.7430.

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

78.3234, 72.5741, 84.7430

Protanopia

70.6981, 72.6730, 90.4219

Deuteranopia

74.3785, 72.7833, 84.2572



Tritanopia

77.6471, 72.6550, 81.8829

Trichromacy



Original Color

78.3234, 72.5741, 84.7430

Protanomaly

73.0114, 72.3759, 87.9637

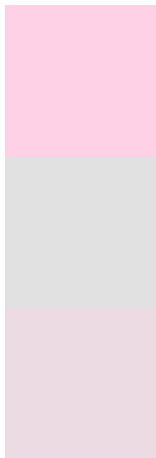
Deuteranomaly

75.5933, 72.6581, 84.1690

Tritanomaly

77.7848, 72.7101, 82.6078

Monochromacy



Original Color

78.3234, 72.5741, 84.7430

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.7887, 74.0420, 83.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3234, 72.5741, 84.7430 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.3234, 72.5741, 84.7430 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, 230) }
```


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

```
.border{ border-color:rgb(255, 209, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3234, 72.5741, 84.7430 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
209, 230) }
```

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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