

Converting Colors

XYZ(72.8874, 67.0446, 80.4766)

Have a look what the booklet for
XYZ(72.8874, 67.0446, 80.4766)
contains.

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Color

**XYZ(72.8350, 66.9837,
80.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C9E1
RGB	247, 201, 225
RGB Percent	97%, 79%, 88%
CMY	0.0314, 0.2117, 0.1176
CMYK	0.00, 0.19, 0.09, 0.03
HSL	329°, 74%, 88%
HSV	329°, 19%, 97%
XYZ	72.8350, 66.9837, 80.3245
YIQ	217.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

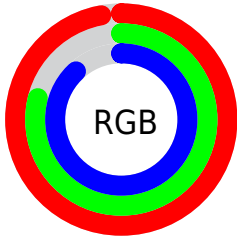
Format	Color
R_{YB}	247, 201, 225
Decimal	16239073
CIE Lab	85.50, 20.07, -5.72
CIE LCh	85, 20.867, 344.086
Yxy	66.9837, 0.3309, 0.3043
Android (android.graphics.Color)	4294429153 (0xFFFF7C9E1)
YUV	217.4900, 3.7024, 25.8803
Hunter-Lab	81.8436, 15.6262, -0.8990

Details

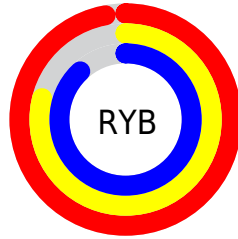
The XYZ color **72.8350, 66.9837, 80.3245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6701, 84.2685, 82.3567**, and the grayscale version is **66.2571, 69.7076, 75.9116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9246, 34.7169, 42.6797** is the 20% darker color. If you saturate the color by 10%, you get **65.9775, 55.7587, 70.3605**, and if you desaturate by 10%, it is **80.7337, 80.1109, 91.1873**.

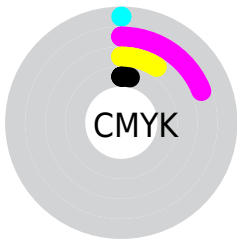
Distribution



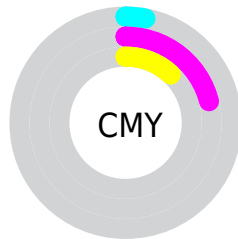
- Red (97%)
- Green (79%)
- Blue (88%)



- Red (97%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8350, 66.9837, 80.3245 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 72.8350, 66.9837, 80.3245 by changing the saturation by 10% instead.

72.8350, 66.9837,
80.3245

72.8350, 66.9837,
80.3245

459.5554,
449.8867, 515.7613

54.1290, 49.0714,
59.4577

122.2473,
114.8971, 135.6374

38.9358, 34.6761,
42.5592

153.6843,
145.6669, 170.9205

26.8903, 23.4135,
29.2106

190.0957,
181.4913, 211.8462

17.6270, 14.8991,
18.9932

231.8468,
222.7548, 258.8329

10.7806, 8.7486,
11.4886

279.3029,
269.8417, 312.2993

5.9857, 4.5776,
6.2782

332.8295,

2.8770, 2.0016,

323.1364, 372.6638

2.9435

392.7919,
383.0233, 440.3449

■ 1.0890, 0.6084,
1.0658

■ 0.0159, 0.0000,
0.0000

■ 72.8350, 66.9837,
80.3245

■ 72.8350, 66.9837,
80.3245

■ 65.9775, 55.7587,
70.3605

■ 80.7337, 80.1109,
91.1873

■ 60.1090, 46.3376,
61.2646

■ 89.7112, 95.2147,
102.9700

■ 55.1814, 38.6271,
53.0102

■ 92.1681, 98.5143,
108.7651

■ 51.1400, 32.5216,
45.5671

■ 47.9241, 27.9037,
38.9031

■ 45.4648, 24.6398,
32.9824

■ 43.6811, 22.5719,
27.7649

■ 42.4572, 21.4731,
23.1982

■ 42.3112, 21.3556,
22.6119

Harmonies

Analogous

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



70.2169, 66.9837, 93.3260



72.8350, 66.9837, 80.3245



72.9174, 66.9837, 66.7666

Triad

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



72.8350, 66.9837, 80.3245



61.4745, 66.9837, 50.4415



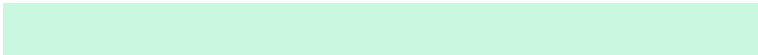
57.3438, 66.9837, 92.6337

Complementary

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



72.8350, 66.9837, 80.3245



70.6701, 84.2685, 82.3567

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.



55.2322, 66.9837, 79.4696



72.8350, 66.9837, 80.3245



57.5358, 66.9837, 55.7522

Square

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



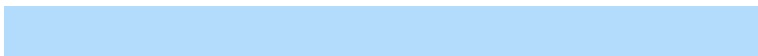
72.8350, 66.9837, 80.3245



66.1968, 66.9837, 50.6103



55.3007, 66.9837, 66.0111



61.2005, 66.9837, 101.0119

Rectangle

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



72.8350, 66.9837, 80.3245



71.5130, 66.9837, 59.2672



55.3007, 66.9837, 66.0111



56.4151, 66.9837, 88.5549

Sweetspot

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



72.8369, 66.9867, 80.3259



89.2058, 90.1613, 101.2497



67.9451, 64.0954, 96.7871



18.9631, 19.0791, 21.4980



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.



72.8369, 66.9867, 80.3259



75.6672, 67.6716, 82.5943



69.9708, 65.8402, 65.2329



16.8602, 16.6269, 19.0106



22.4491, 11.3231, 12.3394



2.0250, 1.0160, 1.3581

Inverse Universe

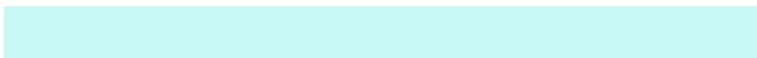
The Inverse Universe completely reimagines the original color for something new.



72.8369, 66.9867, 80.3259



75.6672, 67.6716, 82.5943



73.9030, 85.5617, 99.3811



16.8602, 16.6269, 19.0106



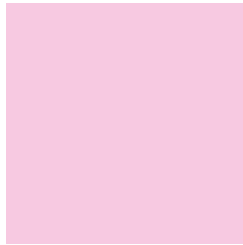
22.4491, 11.3231, 12.3394



2.0250, 1.0160, 1.3581

Previews

White Background



This preview shows how the XYZ color 72.8350, 66.9837, 80.3245 looks on a white background.

Color Contrast Check

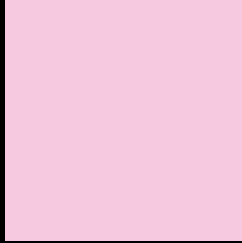
Large Text (above 18pt) WCAG AA × Fail

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 72.8350, 66.9837, 80.3245 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 72.8350, 66.9837, 80.3245

Background



This preview shows how black text looks on a background with the XYZ color 72.8350, 66.9837, 80.3245.



This preview shows how white text looks on a background with the XYZ color 72.8350, 66.9837,

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

72.8350, 66.9837, 80.3245

Protanopia

65.5111, 67.4117, 85.9029

Deuteranopia

68.6435, 67.3166, 79.8965



Tritanopia

71.7815, 66.8958, 75.4586

Trichromacy



Original Color

72.8350, 66.9837, 80.3245

Protanomaly

67.9947, 67.2656, 83.5286

Deuteranomaly

69.8779, 66.8773, 79.7467

Tritanomaly

72.1777, 67.0543, 77.5452

Monochromacy



Original Color

72.8350, 66.9837, 80.3245

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2074, 68.2498, 77.2888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8350, 66.9837, 80.3245 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(247, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 225)  
}
```

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(247, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.8350, 66.9837, 80.3245 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(247, 201, 225) }
```


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

```
.border{ border-color:rgb(247, 201, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 201, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8350, 66.9837, 80.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 225) }
```

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

```
.background{ background-color: rgb(247,  
201, 225) }
```

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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