

Converting Colors

XYZ(76.8113, 72.1120, 86.9079)

Have a look what the booklet for
XYZ(76.8113, 72.1120, 86.9079)
contains.

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Color

**XYZ(76.8215, 72.1161,
86.9617)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2E9
RGB	249, 210, 233
RGB Percent	98%, 82%, 91%
CMY	0.0235, 0.1764, 0.0863
CMYK	0.00, 0.16, 0.06, 0.02
HSL	325°, 76%, 90%
HSV	325°, 16%, 98%
XYZ	76.8215, 72.1161, 86.9617
YIQ	224.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

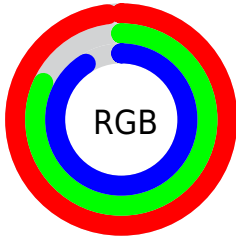
Format	Color
R _Y B	249, 210, 233
Decimal	16372457
CIE Lab	88.02, 17.37, -6.21
CIE LCh	88, 18.444, 340.330
Yxy	72.1161, 0.3257, 0.3057
Android (android.graphics.Color)	4294562537 (0xFFFF9D2E9)
YUV	224.2830, 4.2975, 21.6768
Hunter-Lab	84.9212, 12.8628, -1.2698

Details

The XYZ color **76.8215, 72.1161, 86.9617** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1843, 86.9459, 84.8279**, and the grayscale version is **71.0179, 74.7164, 81.3661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3954, 37.8235, 46.7139** is the 20% darker color. If you saturate the color by 10%, you get **69.7287, 60.1982, 77.6044**, and if you desaturate by 10%, it is **84.9594, 85.9870, 97.0860**.

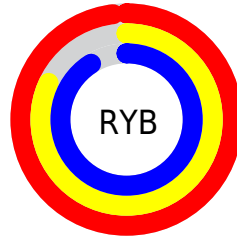
Distribution



Red (98%)

Green (82%)

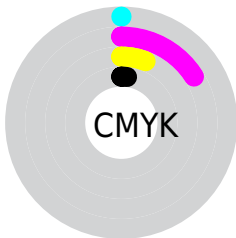
Blue (91%)



Red (98%)

Yellow (82%)

Blue (91%)

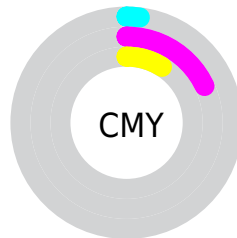


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8215, 72.1161, 86.9617 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 76.8215, 72.1161, 86.9617 by changing the saturation by 10% instead.


 76.8215, 72.1161,
86.9617

 76.8215, 72.1161,
86.9617

473.0565,
467.9456, 538.4099

 57.4058, 53.2535,
64.9041


127.8617,
122.2216, 145.0092

 41.5725, 38.0052,
46.9324


160.2168,
154.2333, 181.8361

 28.9564, 25.9867,
32.6283


197.6159,
191.3968, 224.4231

 19.1919, 16.8137,
21.5731

240.4241,
234.0965, 273.1889

 11.9139, 10.1018,
13.3482

289.0070,
282.7169, 328.5519

 6.7568, 5.4665,
7.5352

343.7297,

 3.3555, 2.5235,

337.6423, 390.9308

3.7155

404.9578,
399.2570, 460.7439

■ 1.3444, 0.8884,
1.4706

■ 0.2161, 0.0000,
0.1959

■ 76.8215, 72.1161,
86.9617

■ 76.8215, 72.1161,
86.9617

■ 69.7287, 60.1982,
77.6044

■ 84.9594, 85.9870,
97.0860

■ 63.6294, 50.1351,
68.9873

■ 92.6263, 98.7796,
107.4762

■ 58.4764, 41.8342,
61.0886

■ 92.8774, 98.8800,
108.7983

■ 54.2166, 35.1913,
53.8829

■ 50.7909, 30.0908,
47.3431

■ 48.1329, 26.4026,
41.4393

■ 46.1653, 23.9743,
36.1376

■ 44.7926, 22.6180,
31.3978

■ 44.3210, 22.2414,
29.4934

Harmonies

Analogous

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



74.1654, 72.1161, 98.4746



76.8215, 72.1161, 86.9617



77.2068, 72.1161, 74.2580

Triad

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



76.8215, 72.1161, 86.9617



67.0386, 72.1161, 57.0202



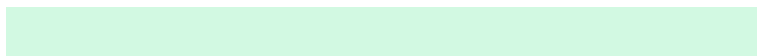
62.2962, 72.1161, 95.2663

Complementary

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



76.8215, 72.1161, 86.9617



74.1843, 86.9459, 84.8279

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.



60.5551, 72.1161, 82.9465



76.8215, 72.1161, 86.9617



63.2145, 72.1161, 61.4651

Square

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



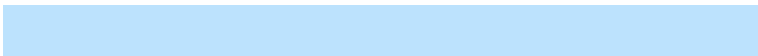
76.8215, 72.1161, 86.9617



71.4309, 72.1161, 57.8490



60.8839, 72.1161, 70.6471



65.7363, 72.1161, 103.6130

Rectangle

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



76.8215, 72.1161, 86.9617



76.1072, 72.1161, 66.9137



60.8839, 72.1161, 70.6471



61.4996, 72.1161, 91.4011

Sweetspot

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



76.8236, 72.1193, 86.9632



90.2857, 91.8008, 103.2132



71.3871, 69.0405, 99.1872



19.1865, 19.4118, 21.9244



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.



76.8236, 72.1193, 86.9632



78.4568, 71.6731, 88.3881



74.2409, 71.0862, 73.3630



17.6741, 17.3970, 20.1396



23.7964, 11.9343, 16.1682



2.2566, 1.1264, 1.7747

Inverse Universe

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



76.8236, 72.1193, 86.9632



78.4568, 71.6731, 88.3881



76.9530, 88.0534, 99.4078



17.6741, 17.3970, 20.1396



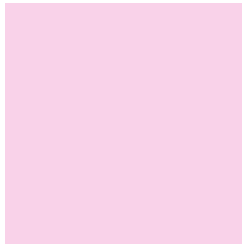
23.7964, 11.9343, 16.1682



2.2566, 1.1264, 1.7747

Previews

White Background



This preview shows how the XYZ color 76.8215, 72.1161, 86.9617 looks on a white background.

Color Contrast Check

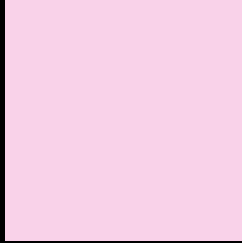
Large Text (above 18pt) WCAG AA × Fail

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 76.8215, 72.1161, 86.9617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

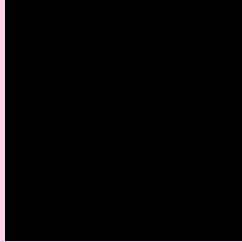
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8215, 72.1161, 86.9617

Background



This preview shows how black text looks on a background with the XYZ color 76.8215, 72.1161, 86.9617.



This preview shows how white text looks on a background with the XYZ color 76.8215, 72.1161,

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

76.8215, 72.1161, 86.9617

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.5371, 71.9239, 86.3508



Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy



Original Color

76.8215, 72.1161, 86.9617

Protanomaly

72.7969, 72.2151, 90.2229

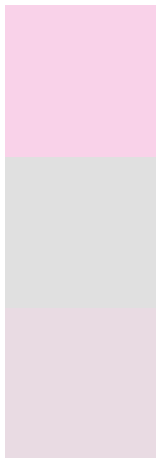
Deuteranomaly

74.6354, 72.1155, 86.3299

Tritanomaly

76.1485, 72.2021, 84.0517

Monochromacy



Original Color

76.8215, 72.1161, 86.9617

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.8009, 73.5327, 83.0293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8215, 72.1161, 86.9617 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(249, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 233)  
}
```

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(249, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.8215, 72.1161, 86.9617 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(249, 210, 233) }
```


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

```
.border{ border-color:rgb(249, 210, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 210, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 210, 233); box-shadow:4px 4px 4px 4px rgb(249, 210, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8215, 72.1161, 86.9617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 233) }
```

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

```
.background{ background-color: rgb(249,  
210, 233) }
```

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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