

Converting Colors

XYZ(72.0175, 67.7013, 76.5082)

Have a look what the booklet for
XYZ(72.0175, 67.7013, 76.5082)
contains.

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Color

**XYZ(72.0352, 67.7127,
76.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CCDB
RGB	245, 204, 219
RGB Percent	96%, 80%, 86%
CMY	0.0392, 0.2000, 0.1412
CMYK	0.00, 0.17, 0.11, 0.04
HSL	338°, 67%, 88%
HSV	338°, 17%, 96%
XYZ	72.0352, 67.7127, 76.2910
YIQ	217.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

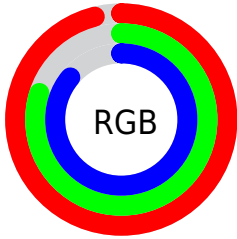
Format	Color
R _Y B	245, 204, 219
Decimal	16108763
CIE Lab	85.86, 16.80, -2.01
CIE LCh	86, 16.925, 353.172
Yxy	67.7127, 0.3334, 0.3134
Android (android.graphics.Color)	4294298843 (0xFFF5CCDB)
YUV	217.9690, 0.5083, 23.7062
Hunter-Lab	82.2877, 12.2565, 2.6322

Details

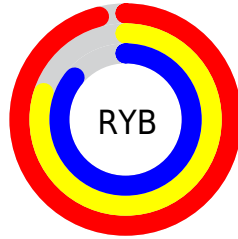
The XYZ color **72.0352, 67.7127, 76.2910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8398, 83.8570, 87.2666**, and the grayscale version is **66.6080, 70.0768, 76.3136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3462, 35.1844, 39.8922** is the 20% darker color. If you saturate the color by 10%, you get **64.7129, 56.1899, 64.2247**, and if you desaturate by 10%, it is **80.4683, 81.1498, 89.6713**.

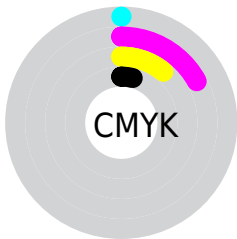
Distribution



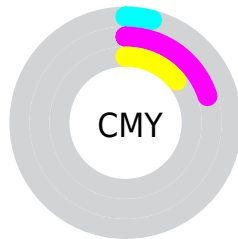
- Red (96%)
- Green (80%)
- Blue (86%)



- Red (96%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0352, 67.7127, 76.2910 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 72.0352, 67.7127, 76.2910 by changing the saturation by 10% instead.

72.0352, 67.7127,
76.2910

72.0352, 67.7127,
76.2910

456.8198,
452.4774, 501.7166

53.4730, 49.6640,
56.1631

121.1171,
115.9410, 129.9020

38.4095, 35.1465,
39.9288

152.3675,
146.8895, 164.2222

26.4793, 23.7758,
27.1697

188.5780,
182.9067, 204.1102

17.3171, 15.1674,
17.4671

230.1140,
224.3770, 249.9846

10.5575, 8.9369,
10.4026

277.3409,
271.6849, 302.2639

5.8352, 4.7001,
5.5576

330.6239,

2.7849, 2.0724,

325.2146, 361.3666

2.5136

390.3284,
385.3507, 427.7113

■ 1.0410, 0.6490,
0.8474

■ 0.0000, 0.0000,
0.0000

■ 72.0352, 67.7127,
76.2910

■ 72.0352, 67.7127,
76.2910

■ 64.7129, 56.1899,
64.2247

■ 80.4683, 81.1498,
89.6713

■ 58.4478, 46.4848,
53.4264

■ 90.0512, 96.5740,
104.4010

■ 53.1901, 38.5062,
43.8537

■ 91.4665, 98.1526,
108.7323

■ 48.8840, 32.1510,
35.4597

■ 45.4675, 27.3052,
28.1944

■ 42.8711, 23.8399,
22.0035

■ 41.0139, 21.6040,
16.8269

■ 39.7951, 20.4071,
12.5955

■ 39.4857, 20.1443,
11.3950

Harmonies

Analogous

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



70.5020, 67.7127, 87.2566



72.0352, 67.7127, 76.2910



71.4465, 67.7127, 65.6544

Triad

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



72.0352, 67.7127, 76.2910



61.4745, 67.7127, 55.8167



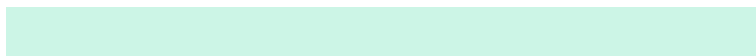
59.9999, 67.7127, 92.1390

Complementary

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



72.0352, 67.7127, 76.2910



71.8398, 83.8570, 87.2666

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.



57.7563, 67.7127, 82.4370



72.0352, 67.7127, 76.2910



58.5834, 67.7127, 61.6747

Square

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



72.0352, 67.7127, 76.2910



65.2478, 67.7127, 54.5241



57.2483, 67.7127, 71.2223



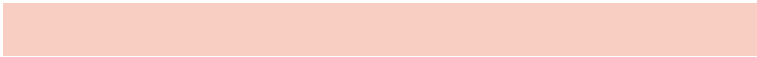
63.4781, 67.7127, 96.9813

Rectangle

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



72.0352, 67.7127, 76.2910



69.9409, 67.7127, 60.0845



57.2483, 67.7127, 71.2223



59.0821, 67.7127, 89.2939

Sweetspot

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



72.0371, 67.7157, 76.2924



89.8418, 91.6233, 100.8758



70.6991, 66.5991, 95.5156



19.0787, 19.3687, 21.3566



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

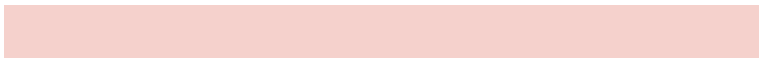
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0371, 67.7157, 76.2924



76.1057, 69.7549, 79.0213



71.4727, 69.6054, 66.7986



16.7497, 16.5827, 18.4284



21.3323, 10.8764, 6.4585



1.9226, 0.9750, 0.8186

Inverse Universe

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



72.0371, 67.7157, 76.2924



76.1057, 69.7549, 79.0213



72.4084, 81.4775, 98.2973



16.7497, 16.5827, 18.4284



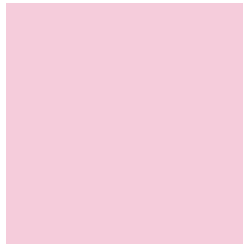
21.3323, 10.8764, 6.4585



1.9226, 0.9750, 0.8186

Previews

White Background



This preview shows how the XYZ color 72.0352, 67.7127, 76.2910 looks on a white background.

Color Contrast Check

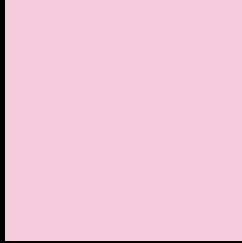
Large Text (above 18pt) WCAG AA × Fail

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 72.0352, 67.7127, 76.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

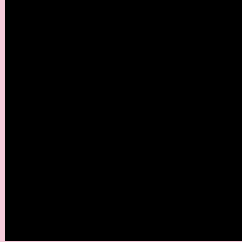
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0352, 67.7127, 76.2910

Background



This preview shows how black text looks on a background with the XYZ color 72.0352, 67.7127, 76.2910.



This preview shows how white text looks on a background with the XYZ color 72.0352, 67.7127,

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

72.0352, 67.7127, 76.2910

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

69.1424, 67.6661, 75.7463



Tritanopia

72.1673, 67.7655, 76.9866

Trichromacy



Original Color

72.0352, 67.7127, 76.2910

Protanomaly

68.0444, 67.7518, 79.3031

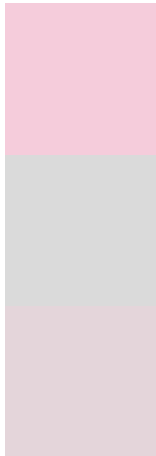
Deuteranomaly

70.2276, 67.8647, 75.7275

Tritanomaly

72.1673, 67.7655, 76.9866

Monochromacy



Original Color

72.0352, 67.7127, 76.2910

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.4440, 69.1444, 76.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0352, 67.7127, 76.2910 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(245, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 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(245, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.0352, 67.7127, 76.2910 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(245, 204, 219) }
```


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

```
.border{ border-color:rgb(245, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0352, 67.7127, 76.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 219) }
```

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

```
.background{ background-color: rgb(245,  
204, 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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