

Converting Colors

XYZ(72.7380, 67.7693, 80.7637)

Have a look what the booklet for
XYZ(72.7380, 67.7693, 80.7637)
contains.

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Color

**XYZ(72.6027, 67.5606,
80.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CBE1
RGB	245, 203, 225
RGB Percent	96%, 80%, 88%
CMY	0.0392, 0.2039, 0.1176
CMYK	0.00, 0.17, 0.08, 0.04
HSL	329°, 68%, 88%
HSV	329°, 17%, 96%
XYZ	72.6027, 67.5606, 80.4481
YIQ	218.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

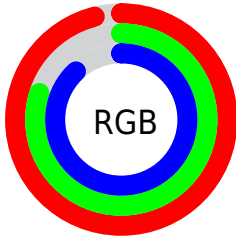
Format	Color
R _Y B	245, 203, 225
Decimal	16108513
CIE Lab	85.79, 18.33, -5.31
CIE LCh	86, 19.082, 343.832
Yxy	67.5606, 0.3291, 0.3062
Android (android.graphics.Color)	4294298593 (0xFFFF5CBE1)
YUV	218.0660, 3.4185, 23.6211
Hunter-Lab	82.1953, 13.8266, -0.4930

Details

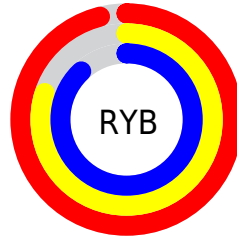
The XYZ color **72.6027, 67.5606, 80.4481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6029, 83.3308, 82.1792**, and the grayscale version is **66.6562, 70.1275, 76.3689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7422, 35.0885, 42.7610** is the 20% darker color. If you saturate the color by 10%, you get **65.7304, 56.2761, 70.5710**, and if you desaturate by 10%, it is **80.5020, 80.7231, 91.2058**.

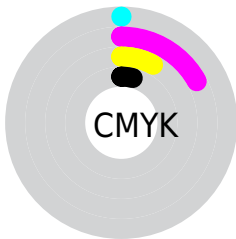
Distribution



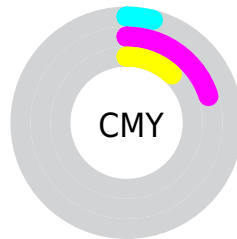
- Red (96%)
- Green (80%)
- Blue (88%)



- Red (96%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6027, 67.5606, 80.4481 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 72.6027, 67.5606, 80.4481 by changing the saturation by 10% instead.


 72.6027, 67.5606,
80.4481

 72.6027, 67.5606,
80.4481


458.7618,
451.9376, 516.1882

 53.9384, 49.5403,
59.5588


121.9192,
115.7233, 135.8126

 38.7829, 35.0483,
42.6402


153.3021,
146.6346, 171.1250

 26.7708, 23.7001,
29.2736


189.6552,
182.6116, 212.0821

 17.5369, 15.1113,
19.0405

231.3439,
224.0389, 259.1025

 10.7157, 8.8975,
11.5225

278.7336,
271.3007, 312.6048

 5.9419, 4.6744,
6.3008

332.1896,

 2.8501, 2.0575,

324.7815, 373.0075

2.9571

392.0772,
384.8657, 440.7291

■ 1.0750, 0.6406,
1.0728

■ 0.0040, 0.0000,
0.0000

■ 72.6027, 67.5606,
80.4481

■ 72.6027, 67.5606,
80.4481

■ 65.7304, 56.2761,
70.5710

■ 80.5020, 80.7231,
91.2058

■ 59.8342, 46.7742,
61.5445

■ 89.4645, 95.8355,
102.8642

■ 54.8676, 38.9643,
53.3430

■ 91.4665, 98.1527,
108.7323

■ 50.7777, 32.7445,
45.9374

■ 47.5062, 28.0018,
39.2967

■ 44.9869, 24.6079,
33.3865

■ 43.1425, 22.4123,
28.1686

■ 41.8741, 21.2213,
23.5966

■ 41.5741, 20.9797,
22.3918

Harmonies

Analogous

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



70.1937, 67.5606, 92.2656



72.6027, 67.5606, 80.4481



72.6987, 67.5606, 67.9727

Triad

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



72.6027, 67.5606, 80.4481



62.2318, 67.5606, 52.6350



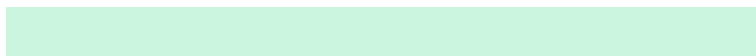
58.3577, 67.5606, 91.4637

Complementary

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



72.6027, 67.5606, 80.4481



70.6029, 83.3308, 82.1792

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.



56.4172, 67.5606, 79.4496



72.6027, 67.5606, 80.4481



58.5845, 67.5606, 57.5740

Square

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



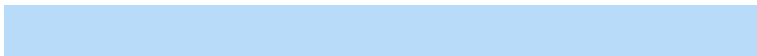
72.6027, 67.5606, 80.4481



66.5758, 67.5606, 52.8377



56.4983, 67.5606, 67.0805



61.9094, 67.5606, 99.1003

Rectangle

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



72.6027, 67.5606, 80.4481



71.4289, 67.5606, 60.9941



56.4983, 67.5606, 67.0805



57.5027, 67.5606, 87.7476

Sweetspot

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



72.6046, 67.5636, 80.4495



90.1542, 91.7482, 102.5212



68.1483, 64.9323, 95.3284



19.1545, 19.3990, 21.7562



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.



72.6046, 67.5636, 80.4495



76.4441, 68.9284, 83.7689



69.9617, 66.5064, 66.5318



16.8617, 16.6275, 19.0184



22.4672, 11.3303, 12.4343



2.0266, 1.0166, 1.3664

Inverse Universe

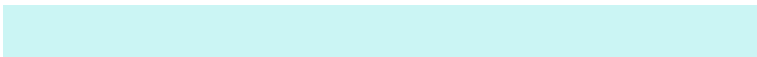
The Inverse Universe completely reimagines the original color for something new.



72.6046, 67.5636, 80.4495



76.4441, 68.9284, 83.7689



73.5515, 84.5102, 97.7063



16.8617, 16.6275, 19.0184



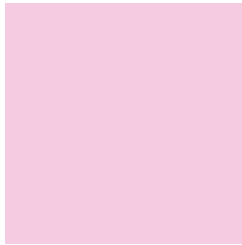
22.4672, 11.3303, 12.4343



2.0266, 1.0166, 1.3664

Previews

White Background



This preview shows how the XYZ color 72.6027, 67.5606, 80.4481 looks on a white background.

Color Contrast Check

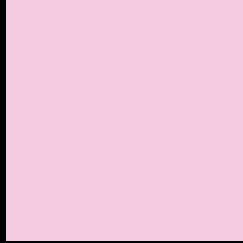
Large Text (above 18pt) WCAG AA × Fail

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 72.6027, 67.5606, 80.4481 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 72.6027, 67.5606, 80.4481

Background



This preview shows how black text looks on a background with the XYZ color 72.6027, 67.5606, 80.4481.



This preview shows how white text looks on a background with the XYZ color 72.6027, 67.5606,

80.4481.

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

72.6027, 67.5606, 80.4481

Protanopia

65.9496, 67.6542, 85.1839

Deuteranopia

68.9654, 67.4825, 79.9116



Tritanopia

71.8194, 67.5861, 76.9703

Trichromacy



Original Color

72.6027, 67.5606, 80.4481

Protanomaly

67.9947, 67.2656, 83.5286

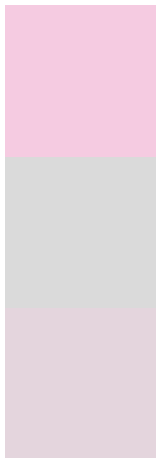
Deuteranomaly

70.1179, 67.3573, 79.8267

Tritanomaly

72.0859, 67.6928, 78.3739

Monochromacy



Original Color

72.6027, 67.5606, 80.4481

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.8403, 69.3029, 78.1551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6027, 67.5606, 80.4481 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, 203, 225)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 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(245, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.6027, 67.5606, 80.4481 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, 203, 225) }
```


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

```
.border{ border-color:rgb(245, 203, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 203, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 225);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6027, 67.5606, 80.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 225) }
```

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

```
.background{ background-color: rgb(245,  
203, 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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