

Converting Colors

XYZ(126.4672, 94.0415,
78.8194)

Have a look what the booklet for
XYZ(126.4672, 94.0415, 78.8194)
contains.

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Color

**XYZ(74.4496, 67.2213,
76.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7DB
RGB	255, 199, 219
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2196, 0.1412
CMYK	0.00, 0.22, 0.14, 0.00
HSL	339°, 100%, 89%
HSV	339°, 22%, 100%
XYZ	74.4496, 67.2213, 76.0689
YIQ	218.0240, 26.9560, 18.0920

Conversions

Conversions Part 2

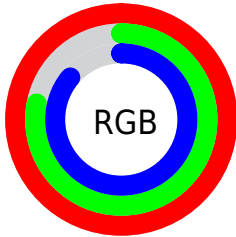
Format	Color
R _Y B	255, 199, 219
Decimal	16762843
CIE Lab	85.62, 22.91, -2.27
CIE LCh	86, 23.018, 354.352
Yxy	67.2213, 0.3419, 0.3087
Android (android.graphics.Color)	4294952923 (0xFFFFC7DB)
YUV	218.0240, 0.4812, 32.4280
Hunter-Lab	81.9886, 18.6066, 2.3828

Details

The XYZ color **74.4496, 67.2213, 76.0689** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3109, 89.6614, 91.9906**, and the grayscale version is **66.6423, 70.1129, 76.3529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1149, 34.9369, 39.7512** is the 20% darker color. If you saturate the color by 10%, you get **67.0135, 55.6347, 63.4614**, and if you desaturate by 10%, it is **83.0845, 80.8648, 90.1265**.

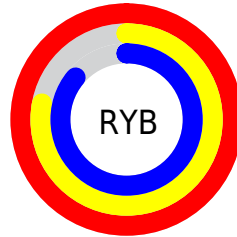
Distribution



Red (100%)

Green (78%)

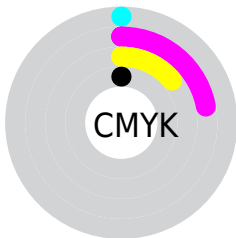
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

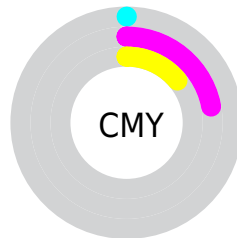


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4496, 67.2213, 76.0689 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 74.4496, 67.2213, 76.0689 by changing the saturation by 10% instead.

 74.4496, 67.2213,
76.0689

 74.4496, 67.2213,
76.0689


465.0500,
450.7321, 500.9366

 55.4547, 49.2645,
55.9820


124.5250,
115.2375, 129.5853

 40.0012, 34.8293,
39.7846

156.3362,
146.0656, 163.8518

 27.7237, 23.5314,
27.0581

193.1503,
181.9530, 203.6821

 18.2568, 14.9864,
17.3841

235.3325,
223.2840, 249.4944

 11.2353, 8.8098,
10.3439

283.2482,
270.4430, 301.7076

 6.2938, 4.6174,
5.5190

337.2628,

 3.0669, 2.0246,

323.8144, 360.7399

2.4908

397.7416,
383.7826, 427.0101

■ 1.1892, 0.6217,
0.8353

■ 0.0979, 0.0000,
0.0000

■ 74.4496, 67.2213,
76.0689

■ 74.4496, 67.2213,
76.0689

■ 67.0135, 55.6347,
63.4614

■ 83.0845, 80.8648,
90.1265

■ 60.7165, 45.9959,
52.2513

■ 92.9648, 96.6499,
105.6761

■ 55.5004, 38.1991,
42.3886

95.0500, 100.0000,
108.9000

■ 51.3002, 32.1245,
33.8183

■ 48.0431, 27.6381,
26.4812

■ 45.6462, 24.5860,
20.3125

■ 44.0102, 22.7828,
15.2395

■ 43.1309, 22.0164,
11.8874

Harmonies

Analogous

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



72.4320, 67.2213, 91.3264



74.4496, 67.2213, 76.0689



73.5153, 67.2213, 61.9299

Triad

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



74.4496, 67.2213, 76.0689



59.8276, 67.2213, 49.9305



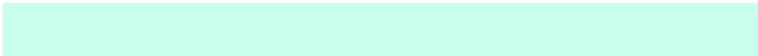
58.1990, 67.2213, 99.2276

Complementary

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



74.4496, 67.2213, 76.0689



74.3109, 89.6614, 91.9906

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.



55.1471, 67.2213, 85.7441



74.4496, 67.2213, 76.0689



56.0508, 67.2213, 57.6336

Square

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



74.4496, 67.2213, 76.0689



64.8884, 67.2213, 48.0735



54.3826, 67.2213, 70.3897



62.9055, 67.2213, 105.8188

Rectangle

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



74.4496, 67.2213, 76.0689



71.3689, 67.2213, 54.8209



54.3826, 67.2213, 70.3897



56.9561, 67.2213, 95.2688

Sweetspot

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



74.4512, 67.2242, 76.0703



87.8246, 88.4181, 97.6472



72.5606, 65.6415, 103.4535



18.6710, 18.7222, 20.7003



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.



74.4512, 67.2242, 76.0703



71.3042, 62.2987, 70.8027



73.7346, 69.7540, 63.6141



18.2773, 18.0942, 20.0775



22.6012, 11.5298, 6.5504



2.2504, 1.1425, 0.9002

Inverse Universe

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



74.4512, 67.2242, 76.0703



71.3042, 62.2987, 70.8027



75.0291, 86.2116, 107.2938



18.2773, 18.0942, 20.0775



22.6012, 11.5298, 6.5504



2.2504, 1.1425, 0.9002

Previews

White Background



This preview shows how the XYZ color 74.4496, 67.2213, 76.0689 looks on a white background.

Color Contrast Check

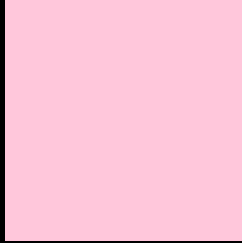
Large Text (above 18pt) WCAG AA × Fail

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 74.4496, 67.2213, 76.0689 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 74.4496, 67.2213, 76.0689

Background



This preview shows how black text looks on a background with the XYZ color 74.4496, 67.2213, 76.0689.



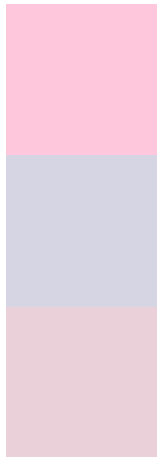
This preview shows how white text looks on a background with the XYZ color 74.4496, 67.2213,

76.0689.

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

74.4496, 67.2213, 76.0689

Protanopia

65.3909, 67.4307, 82.2420

Deuteranopia

68.6845, 67.4451, 75.0438



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

74.4496, 67.2213, 76.0689

Protanomaly

68.3235, 67.1516, 79.8815

Deuteranomaly

70.7618, 67.4254, 75.6145

Tritanomaly

74.2889, 67.5264, 74.0842

Monochromacy



Original Color

74.4496, 67.2213, 76.0689

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9042, 68.6394, 75.9468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4496, 67.2213, 76.0689 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, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.4496, 67.2213, 76.0689 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, 199, 219) }
```


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

```
.border{ border-color:rgb(255, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4496, 67.2213, 76.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 219) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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