

Converting Colors

XYZ(76.5911, 69.3700, 83.3624)

Have a look what the booklet for
XYZ(76.5911, 69.3700, 83.3624)
contains.

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Color

**XYZ(76.5034, 69.1582,
83.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAE5
RGB	255, 202, 229
RGB Percent	100%, 79%, 90%
CMY	0.0000, 0.2078, 0.1020
CMYK	0.00, 0.21, 0.10, 0.00
HSL	329°, 100%, 90%
HSV	329°, 21%, 100%
XYZ	76.5034, 69.1582, 83.4454
YIQ	220.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

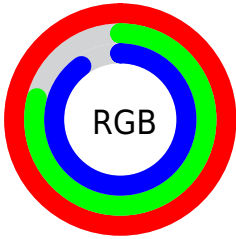
Format	Color
R _Y B	255, 202, 229
Decimal	16763621
CIE Lab	86.58, 22.94, -6.16
CIE LCh	87, 23.752, 344.971
Yxy	69.1582, 0.3339, 0.3019
Android (android.graphics.Color)	4294953701 (0xFFFFCAE5)
YUV	220.9250, 3.9810, 29.8838
Hunter-Lab	83.1614, 18.6766, -1.2795

Details

The XYZ color **76.5034, 69.1582, 83.4454** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.1230, 89.6791, 86.8053**, and the grayscale version is **68.6378, 72.2123, 78.6391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5186, 36.2416, 44.8515** is the 20% darker color. If you saturate the color by 10%, you get **69.3230, 57.4928, 72.7426**, and if you desaturate by 10%, it is **84.8014, 82.8568, 95.1437**.

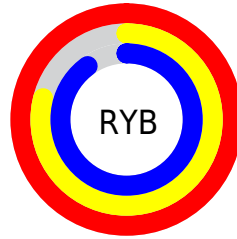
Distribution



Red (100%)

Green (79%)

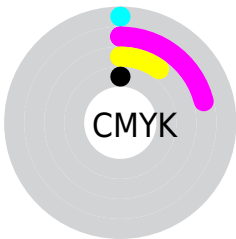
Blue (90%)



Red (100%)

Yellow (79%)

Blue (90%)

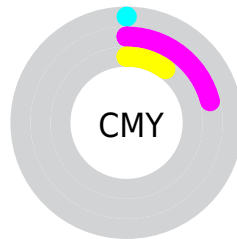


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5034, 69.1582, 83.4454 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 76.5034, 69.1582, 83.4454 by changing the saturation by 10% instead.

 76.5034, 69.1582,
83.4454

 76.5034, 69.1582,
83.4454

471.9871,
457.5887, 526.4796

 57.1439, 50.8406,
62.0149


127.4148,
118.0075, 140.0539

 41.3614, 36.0817,
44.6089

159.6974,
149.3080, 176.0690

 28.7905, 24.4973,
30.8088


197.0184,
185.7048, 217.7827

 19.0659, 15.7029,
20.1960

239.7432,
227.5824, 265.6136

 11.8222, 9.3142,
12.3521

288.2371,
275.3253, 319.9802

 6.6940, 4.9467,
6.8585

342.8655,

 3.3161, 2.2160,

329.3176, 381.3010

3.2967

403.9937,
389.9440, 449.9946

■ 1.3231, 0.7287,
1.2480

■ 0.2004, 0.0000,
0.0186

■ 76.5034, 69.1582,
83.4454

■ 76.5034, 69.1582,
83.4454

■ 69.3230, 57.4928,
72.7426

■ 84.8014, 82.8568,
95.1437

■ 63.2043, 47.7538,
63.0008

■ 94.2600, 98.6715,
107.8616

■ 58.0937, 39.8380,
54.1898

■ 95.0500, 100.0000,
108.9000

■ 53.9304, 33.6286,
46.2753

■ 50.6470, 28.9951,
39.2205

■ 48.1663, 25.7882,
32.9846

■ 46.3963, 23.8290,
27.5213

■ 45.2624, 22.8690,
23.1117

Harmonies

Analogous

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



73.5072, 69.1582, 98.8680



76.5034, 69.1582, 83.4454



76.5065, 69.1582, 67.7331

Triad

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



76.5034, 69.1582, 83.4454



63.0341, 69.1582, 49.6316



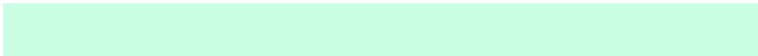
58.5198, 69.1582, 98.8419

Complementary

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



76.5034, 69.1582, 83.4454



74.1230, 89.6791, 86.8053

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.



56.0212, 69.1582, 83.4137



76.5034, 69.1582, 83.4454



58.5268, 69.1582, 55.8133

Square

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



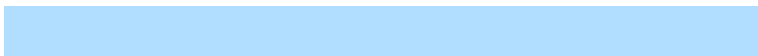
76.5034, 69.1582, 83.4454



68.5181, 69.1582, 49.6376



56.0237, 69.1582, 67.7055



63.0240, 69.1582, 108.5659

Rectangle

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



76.5034, 69.1582, 83.4454



74.8008, 69.1582, 59.2173



56.0237, 69.1582, 67.7055



57.4289, 69.1582, 94.0626

Sweetspot

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



76.5050, 69.1611, 83.4468



89.1767, 90.1496, 101.0963



71.0463, 65.8957, 103.5823



18.9562, 19.0763, 21.4618



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.



76.5050, 69.1611, 83.4468



73.3426, 63.9976, 78.8124



73.1282, 67.8104, 65.6651



18.3956, 18.1415, 20.7001



23.7263, 11.9798, 12.4748



2.3653, 1.1885, 1.5053

Inverse Universe

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



76.5050, 69.1611, 83.4468



73.3426, 63.9976, 78.8124



78.0268, 91.2406, 107.3628



18.3956, 18.1415, 20.7001



23.7263, 11.9798, 12.4748



2.3653, 1.1885, 1.5053

Previews

White Background



This preview shows how the XYZ color 76.5034, 69.1582, 83.4454 looks on a white background.

Color Contrast Check

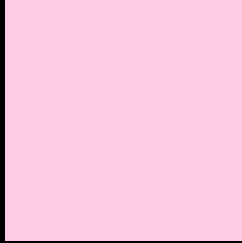
Large Text (above 18pt) WCAG AA × Fail

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 76.5034, 69.1582, 83.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

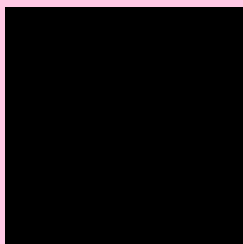
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5034, 69.1582, 83.4454

Background



This preview shows how black text looks on a background with the XYZ color 76.5034, 69.1582, 83.4454.



This preview shows how white text looks on a background with the XYZ color 76.5034, 69.1582,

83.4454.

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

76.5034, 69.1582, 83.4454

Protanopia

67.8663, 69.6732, 89.9921

Deuteranopia

70.7637, 69.4582, 82.3502



Tritanopia

75.2521, 69.3710, 76.4416

Trichromacy



Original Color

76.5034, 69.1582, 83.4454

Protanomaly

70.7787, 69.3520, 87.4977

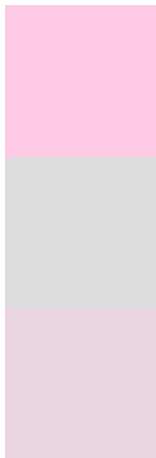
Deuteranomaly

72.8351, 69.4140, 82.9582

Tritanomaly

75.5483, 69.1104, 79.1699

Monochromacy



Original Color

76.5034, 69.1582, 83.4454

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.1054, 70.7986, 80.4388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5034, 69.1582, 83.4454 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, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 229)  
}
```

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, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 229) }
```

Border

The CSS property to change the border of an element to XYZ 76.5034, 69.1582, 83.4454 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, 202, 229) }
```


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

```
.border{ border-color:rgb(255, 202, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5034, 69.1582, 83.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 229) }
```

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

```
.background{ background-color: rgb(255,  
202, 229) }
```

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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