

Converting Colors

XYZ(76.9968, 69.4695, 88.5913)

Have a look what the booklet for
XYZ(76.9968, 69.4695, 88.5913)
contains.

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Color

**XYZ(76.7689, 69.1798,
88.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCAEC
RGB	253, 202, 236
RGB Percent	99%, 79%, 93%
CMY	0.0078, 0.2078, 0.0745
CMYK	0.00, 0.20, 0.07, 0.01
HSL	320°, 93%, 89%
HSV	320°, 20%, 99%
XYZ	76.7689, 69.1798, 88.6638
YIQ	221.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

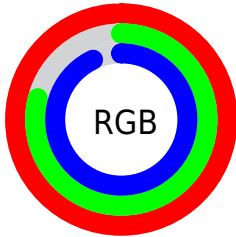
Format	Color
R _Y B	253, 202, 236
Decimal	16632556
CIE Lab	86.59, 23.43, -9.88
CIE LCh	87, 25.428, 337.139
Yxy	69.1798, 0.3272, 0.2949
Android (android.graphics.Color)	4294822636 (0xFFFDCAEC)
YUV	221.1250, 7.3334, 27.9544
Hunter-Lab	83.1744, 19.1980, -4.9810

Details

The XYZ color **76.7689, 69.1798, 88.6638** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2714, 87.9236, 80.1837**, and the grayscale version is **68.7572, 72.3380, 78.7760**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5931, 36.2109, 47.9772** is the 20% darker color. If you saturate the color by 10%, you get **70.1162, 57.7884, 80.5429**, and if you desaturate by 10%, it is **84.4567, 82.5467, 97.4168**.

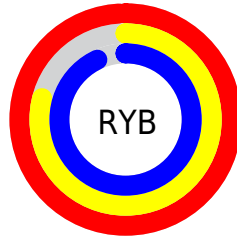
Distribution



Red (99%)

Green (79%)

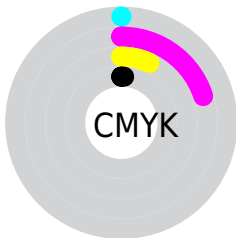
Blue (93%)



Red (99%)

Yellow (79%)

Blue (93%)

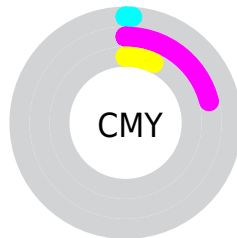


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7689, 69.1798, 88.6638 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 76.7689, 69.1798, 88.6638 by changing the saturation by 10% instead.


 76.7689, 69.1798,
88.6638

 76.7689, 69.1798,
88.6638


472.8798,
457.6649, 544.1321

 57.3625, 50.8582,
66.3055


127.7878,
118.0383, 147.4002

 41.5376, 36.0957,
48.0624


160.1310,
149.3440, 184.6154

 28.9289, 24.5081,
33.5160


197.5171,
185.7465, 227.6199

 19.1711, 15.7110,
22.2476

240.3116,
227.6302, 276.8324

 11.8987, 9.3199,
13.8389

288.8797,
275.3795, 332.6713

 6.7464, 4.9504,
7.8713

343.5869,

 3.3489, 2.2182,

329.3788, 395.5552

3.9261

404.7985,
390.0124, 465.9026

■ 1.3409, 0.7299,
1.5849

■ 0.2135, 0.0000,
0.2800

■ 76.7689, 69.1798,
88.6638

■ 76.7689, 69.1798,
88.6638

■ 70.1162, 57.7884,
80.5429

■ 84.4567, 82.5467,
97.4168

■ 64.4442, 48.2683,
73.0299

■ 93.2184, 97.9685,
106.8163

■ 59.7030, 40.5196,
66.1047

■ 94.3185, 99.6229,
108.8658

■ 55.8354, 34.4293,
59.7443

■ 52.7776, 29.8713,
53.9233

■ 50.4568, 26.7012,
48.6132

■ 48.7862, 24.7469,
43.7806

■ 47.6381, 23.7347,
39.4395

Harmonies

Analogous

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



72.8421, 69.1798, 104.3029



76.7689, 69.1798, 88.6638



77.6628, 69.1798, 71.3598

Triad

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



76.7689, 69.1798, 88.6638



64.3538, 69.1798, 47.4706



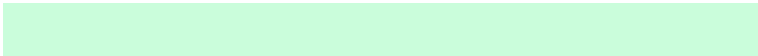
57.1191, 69.1798, 96.6895

Complementary

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



76.7689, 69.1798, 88.6638



72.2714, 87.9236, 80.1837

Split Complementary

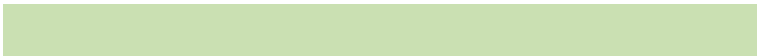
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1282, 69.1798, 79.4345



76.7689, 69.1798, 88.6638



59.1400, 69.1798, 52.2827

Square

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



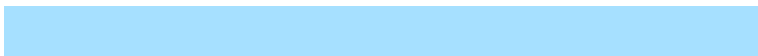
76.7689, 69.1798, 88.6638



70.2593, 69.1798, 49.1814



55.8454, 69.1798, 63.3960



61.4442, 69.1798, 109.3990

Rectangle

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



76.7689, 69.1798, 88.6638



76.3729, 69.1798, 61.4574



55.8454, 69.1798, 63.3960



56.1668, 69.1798, 91.1360

Sweetspot

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



76.7709, 69.1829, 88.6653



89.5514, 90.2995, 103.0696



68.0664, 64.3964, 101.7720



19.0448, 19.1118, 21.9284



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.



76.7709, 69.1829, 88.6653



75.4247, 65.7296, 87.0050



73.3263, 67.8050, 70.5261



18.5201, 18.1914, 21.3561



25.4119, 12.6540, 21.3511



2.5250, 1.2524, 2.3462

Inverse Universe

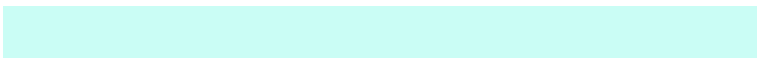
The Inverse Universe completely reimagines the original color for something new.



76.7709, 69.1829, 88.6653



75.4247, 65.7296, 87.0050



75.8899, 89.3710, 99.2388



18.5201, 18.1914, 21.3561



25.4119, 12.6540, 21.3511



2.5250, 1.2524, 2.3462

Previews

White Background



This preview shows how the XYZ color 76.7689, 69.1798, 88.6638 looks on a white background.

Color Contrast Check

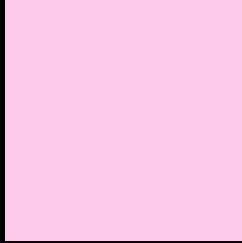
Large Text (above 18pt) WCAG AA × Fail

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 76.7689, 69.1798, 88.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

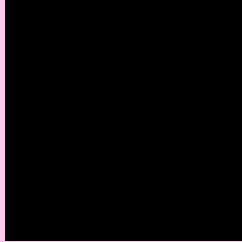
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7689, 69.1798, 88.6638

Background



This preview shows how black text looks on a background with the XYZ color 76.7689, 69.1798, 88.6638.



This preview shows how white text looks on a background with the XYZ color 76.7689, 69.1798,

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

76.7689, 69.1798, 88.6638

Protanopia

68.0701, 69.2787, 95.3724

Deuteranopia

70.7787, 69.3520, 87.4977



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

76.7689, 69.1798, 88.6638



Protanomaly

70.9187, 68.9380, 92.7876



Deuteranomaly

72.8112, 69.2871, 88.1334



Tritanomaly

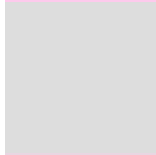
75.4652, 69.3722, 81.3642

Monochromacy



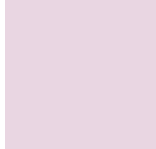
Original Color

76.7689, 69.1798, 88.6638



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.3783, 70.9078, 81.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7689, 69.1798, 88.6638 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(253, 202, 236) looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 236)  
}
```

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(253, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.7689, 69.1798, 88.6638 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(253, 202, 236) }
```


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

```
.border{ border-color:rgb(253, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7689, 69.1798, 88.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 236) }
```

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

```
.background{ background-color: rgb(253,  
202, 236) }
```

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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