

Converting Colors

XYZ(76.2504, 69.0162, 98.6407)

Have a look what the booklet for
XYZ(76.2504, 69.0162, 98.6407)
contains.

XYZ(76.4609, 69.1443, 98.9388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.4609, 69.1443,
98.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CBF9
RGB	246, 203, 249
RGB Percent	96%, 80%, 98%
CMY	0.0353, 0.2039, 0.0235
CMYK	0.01, 0.18, 0.00, 0.02
HSL	296°, 79%, 89%
HSV	296°, 18%, 98%
XYZ	76.4609, 69.1443, 98.9388
YIQ	221.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

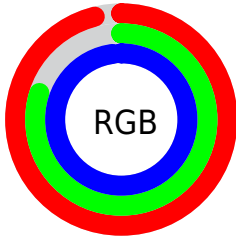
Format	Color
R _Y B	246, 203, 249
Decimal	16174073
CIE Lab	86.58, 22.88, -16.86
CIE LCh	87, 28.425, 323.615
Yxy	69.1443, 0.3127, 0.2827
Android (android.graphics.Color)	4294364153 (0xFFFF6CBF9)
YUV	221.1010, 13.7542, 21.8364
Hunter-Lab	83.1531, 18.6165, -12.3385

Details

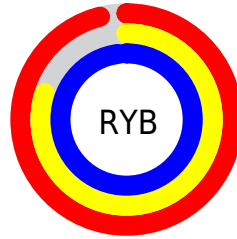
The XYZ color **76.4609, 69.1443, 98.9388** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.1112, 85.1867, 69.2508**, and the grayscale version is **68.7011, 72.2789, 78.7117**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3594, 36.1640, 55.2525** is the 20% darker color. If you saturate the color by 10%, you get **70.4800, 58.0232, 97.1085**, and if you desaturate by 10%, it is **83.3953, 82.1627, 101.0871**.

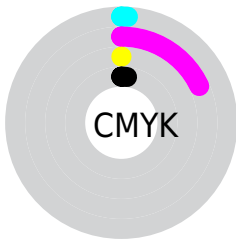
Distribution



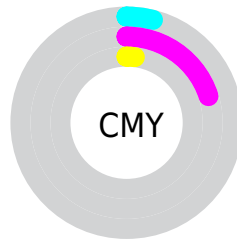
- Red (96%)
- Green (80%)
- Blue (98%)



- Red (96%)
- Yellow (80%)
- Blue (98%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4609, 69.1443, 98.9388 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 76.4609, 69.1443, 98.9388 by changing the saturation by 10% instead.

76.4609, 69.1443,
98.9388

76.4609, 69.1443,
98.9388

471.8442,
457.5397, 578.0026

57.1089, 50.8292,
74.8026

127.3551,
117.9877, 161.7372

41.3332, 36.0727,
54.9505

159.6280,
149.2847, 201.2366

28.7683, 24.4904,
38.9637

196.9386,
185.6779, 246.6941

19.0490, 15.6978,
26.4239

239.6522,
227.5517, 298.5282

11.8099, 9.3105,
16.9124

288.1342,
275.2903, 357.1576

6.6857, 4.9443,
10.0108

342.7500,

3.3109, 2.2146,

329.2783, 423.0008

5.3004

403.8648,
389.9000, 496.4763

■ 1.3202, 0.7279,
2.3628

■ 0.1983, 0.0000,
0.7661

■ 76.4609, 69.1443,
98.9388

■ 76.4609, 69.1443,
98.9388

■ 70.4800, 58.0232,
97.1085

■ 83.3953, 82.1627,
101.0871

■ 65.4013, 48.7004,
95.5766

■ 91.3190, 97.1533,
103.5630

■ 61.1783, 41.0814,
94.3286

■ 92.5971, 98.8453,
103.8222

■ 57.7576, 35.0599,
93.3466

■ 93.1842, 99.1480,
103.8497

■ 55.0800, 30.5173,
92.6110

■ 93.7763, 99.4533,
103.8774

■ 53.0781, 27.3186,
92.0991

■ 94.0991, 99.6196,
103.8925

■ 51.6718, 25.3041,
91.7843

■ 50.7484, 24.2478,
91.6291

■ 50.6261, 24.1234,
91.6116

Harmonies

Analogous

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



70.9289, 69.1443, 113.6859



76.4609, 69.1443, 98.9388



79.1381, 69.1443, 79.3961

Triad

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



76.4609, 69.1443, 98.9388



67.1393, 69.1443, 44.6663



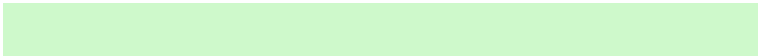
54.7765, 69.1443, 90.7842

Complementary

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



76.4609, 69.1443, 98.9388



70.1112, 85.1867, 69.2508

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.



53.9107, 69.1443, 71.3210



76.4609, 69.1443, 98.9388



60.7718, 69.1443, 46.6832

Square

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



76.4609, 69.1443, 98.9388



73.5291, 69.1443, 49.6808



56.0345, 69.1443, 55.7402



58.4836, 69.1443, 108.4544

Rectangle

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



76.4609, 69.1443, 98.9388



78.8243, 69.1443, 67.0607



56.0345, 69.1443, 55.7402



54.1543, 69.1443, 84.1586

Sweetspot

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



76.4630, 69.1473, 98.9403



89.9957, 90.4349, 107.3201



63.8178, 63.7142, 98.5581



19.1500, 19.1438, 22.9358



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.



76.4630, 69.1473, 98.9403



78.3573, 68.5936, 103.7177



74.5772, 68.5155, 83.4740



17.8747, 17.4636, 21.8140



27.1466, 12.9373, 49.0399



2.5470, 1.2151, 4.5435

Inverse Universe

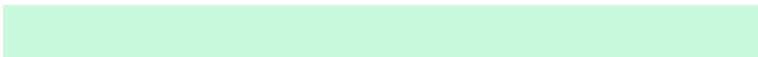
The Inverse Universe completely reimagines the original color for something new.



71.5658, 67.3110, 67.6161



72.3674, 66.3516, 65.2174



71.8170, 85.7738, 82.5384



17.2905, 17.2436, 18.1196



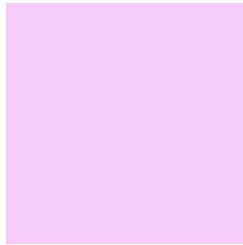
20.9802, 10.8078, 1.3380



1.9587, 1.0072, 0.2058

Previews

White Background



This preview shows how the XYZ color 76.4609, 69.1443, 98.9388 looks on a white background.

Color Contrast Check

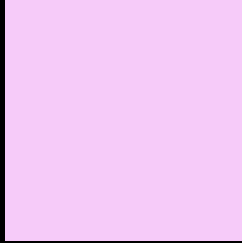
Large Text (above 18pt) WCAG AA × Fail

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 76.4609, 69.1443, 98.9388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

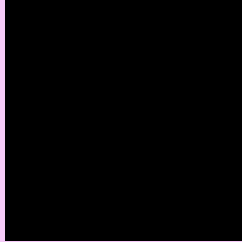
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4609, 69.1443, 98.9388

Background



This preview shows how black text looks on a background with the XYZ color 76.4609, 69.1443, 98.9388.



This preview shows how white text looks on a background with the XYZ color 76.4609, 69.1443,

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

76.4609, 69.1443, 98.9388

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

70.8232, 69.1512, 97.6104



Tritanopia

72.3853, 68.8847, 80.0020

Trichromacy



Original Color

76.4609, 69.1443, 98.9388

Protanomaly

71.1481, 69.2100, 102.5375

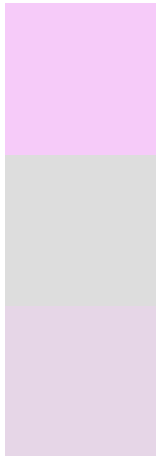
Deuteranomaly

72.7779, 69.0449, 98.2981

Tritanomaly

73.7414, 69.0805, 86.5381

Monochromacy



Original Color

76.4609, 69.1443, 98.9388

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.1035, 70.6857, 85.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4609, 69.1443, 98.9388 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(246, 203, 249)` looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 249)  
}
```

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(246, 203, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 249) }
```

Border

The CSS property to change the border of an element to XYZ 76.4609, 69.1443, 98.9388 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(246, 203, 249) }
```


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

```
.border{ border-color:rgb(246, 203, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 203, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 203, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 203, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 203,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4609, 69.1443, 98.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 249) }
```

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

```
.background{ background-color: rgb(246,  
203, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor