

Converting Colors

XYZ(76.7761, 67.8395, 90.4112)

Have a look what the booklet for
XYZ(76.7761, 67.8395, 90.4112)
contains.

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Color

**XYZ(76.6471, 67.6910,
90.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC6EF
RGB	254, 198, 239
RGB Percent	100%, 78%, 94%
CMY	0.0039, 0.2235, 0.0627
CMYK	0.00, 0.22, 0.06, 0.00
HSL	316°, 97%, 89%
HSV	316°, 22%, 100%
XYZ	76.6471, 67.6910, 90.6873
YIQ	219.4180, 20.2150, 24.6230

Conversions

Conversions Part 2

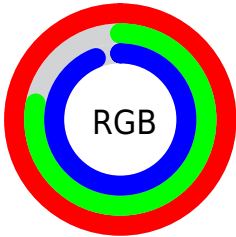
Format	Color
R_{YB}	254, 198, 239
Decimal	16697071
CIE _{Lab}	85.85, 26.38, -12.57
CIE _{LCh}	86, 29.220, 334.527
Yxy	67.6910, 0.3261, 0.2880
Android (android.graphics.Color)	4294887151 (0xFFFE66EF)
YUV	219.4180, 9.6539, 30.3284
Hunter-Lab	82.2745, 22.3105, -7.7604

Details

The XYZ color **76.6471, 67.6910, 90.6873** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.7434, 87.6954, 76.1530**, and the grayscale version is **67.5491, 71.0669, 77.3918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5465, 35.2357, 49.4112** is the 20% darker color. If you saturate the color by 10%, you get **70.3351, 56.6446, 83.7173**, and if you desaturate by 10%, it is **83.9745, 80.7055, 98.1841**.

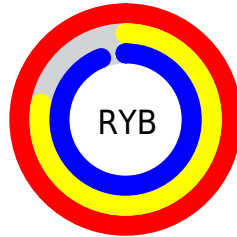
Distribution



Red (100%)

Green (78%)

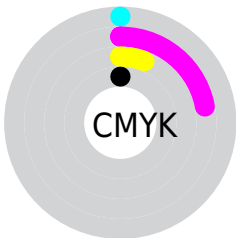
Blue (94%)



Red (100%)

Yellow (78%)

Blue (94%)

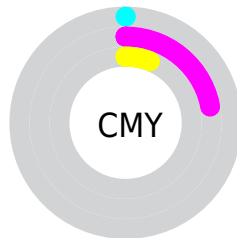


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6471, 67.6910, 90.6873 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 76.6471, 67.6910, 90.6873 by changing the saturation by 10% instead.

76.6471, 67.6910,
90.6873

76.6471, 67.6910,
90.6873

472.4704,
452.4004, 550.8918

57.2622, 49.6464,
67.9739

127.6167,
115.9100, 150.2366

41.4567, 35.1325,
49.4100

159.9321,
146.8532, 187.9095

28.8654, 23.7650,
34.5769

197.2884,
182.8646, 231.4061

19.1228, 15.1594,
23.0562

240.0509,
224.3288, 281.1448

11.8636, 8.9313,
14.4293

288.5850,
271.6301, 337.5441

6.7224, 4.6964,
8.2777

343.2560,

3.3339, 2.0703,

325.1528, 401.0227

4.1829

404.4294,
385.2815, 471.9991

■ 1.3327, 0.6478,
1.7262

■ 0.2075, 0.0000,
0.3786

■ 76.6471, 67.6910,
90.6873

■ 76.6471, 67.6910,
90.6873

■ 70.3351, 56.6446,
83.7173

■ 83.9745, 80.7055,
98.1841

■ 64.9835, 47.4602,
77.2513

■ 92.3568, 95.7696,
106.2204

■ 60.5413, 40.0353,
71.2711

94.6835, 99.8111,
108.8828

■ 56.9500, 34.2536,
65.7550

■ 54.1442, 29.9850,
60.6792

■ 52.0485, 27.0797,
56.0164

■ 50.5723, 25.3566,
51.7341

■ 49.7321, 24.6145,
48.5618

Harmonies

Analogous

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



71.8979, 67.6910, 108.3610



76.6471, 67.6910, 90.6873



78.0136, 67.6910, 70.8380

Triad

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



76.6471, 67.6910, 90.6873



63.3296, 67.6910, 42.7740



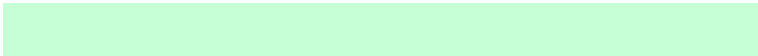
54.3240, 67.6910, 96.5863

Complementary

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



76.6471, 67.6910, 90.6873



70.7434, 87.6954, 76.1530

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.



52.3625, 67.6910, 76.6463



76.6471, 67.6910, 90.6873



57.3280, 67.6910, 47.3577

Square

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



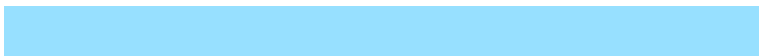
76.6471, 67.6910, 90.6873



70.0232, 67.6910, 45.2281



53.4232, 67.6910, 58.9855



58.9697, 67.6910, 112.1593

Rectangle

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



76.6471, 67.6910, 90.6873



76.7479, 67.6910, 59.4614



53.4232, 67.6910, 58.9855



53.3441, 67.6910, 90.0566

Sweetspot

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



76.6491, 67.6940, 90.6887



88.8572, 88.8311, 103.0849



65.5076, 61.6836, 102.2205



18.9102, 18.8179, 21.9598



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.



76.6491, 67.6940, 90.6887



74.6942, 63.6547, 88.6542



72.8358, 66.1687, 70.6080



18.5728, 18.2124, 21.6333



26.2838, 13.0028, 25.9424



2.6046, 1.2842, 2.7654

Inverse Universe

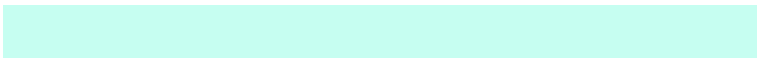
The Inverse Universe completely reimagines the original color for something new.



76.6491, 67.6940, 90.6887



74.6942, 63.6547, 88.6542



74.6000, 89.2380, 96.4615



18.5728, 18.2124, 21.6333



26.2838, 13.0028, 25.9424



2.6046, 1.2842, 2.7654

Previews

White Background



This preview shows how the XYZ color 76.6471, 67.6910, 90.6873 looks on a white background.

Color Contrast Check

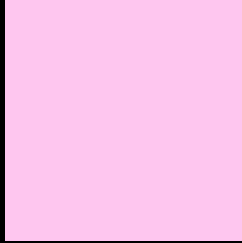
Large Text (above 18pt) WCAG AA × Fail

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 76.6471, 67.6910, 90.6873 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 76.6471, 67.6910, 90.6873

Background



This preview shows how black text looks on a background with the XYZ color 76.6471, 67.6910, 90.6873.



This preview shows how white text looks on a background with the XYZ color 76.6471, 67.6910,

90.6873.

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

76.6471, 67.6910, 90.6873

Protanopia

67.1876, 67.9834, 99.2035

Deuteranopia

69.4506, 67.8841, 89.5633



Tritanopia

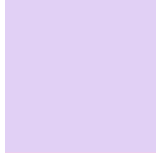
73.4286, 67.7600, 74.8545

Trichromacy



Original Color

76.6471, 67.6910, 90.6873



Protanomaly

70.0886, 67.7119, 95.7618



Deuteranomaly

71.8560, 67.6686, 90.1630



Tritanomaly

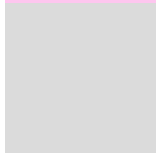
74.6221, 67.9050, 80.4081

Monochromacy



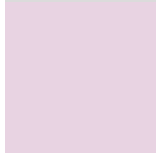
Original Color

76.6471, 67.6910, 90.6873



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.3004, 69.2353, 81.6100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6471, 67.6910, 90.6873 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(254, 198, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 239)  
}
```

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(254, 198, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.6471, 67.6910, 90.6873 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(254, 198, 239) }
```


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

```
.border{ border-color:rgb(254, 198, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6471, 67.6910, 90.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 239) }
```

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

```
.background{ background-color: rgb(254,  
198, 239) }
```

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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