

Converting Colors

XYZ(76.6890, 73.0013, 87.8906)

Have a look what the booklet for
XYZ(76.6890, 73.0013, 87.8906)
contains.

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Color

**XYZ(76.6516, 73.1218,
87.9159)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5EA
RGB	246, 213, 234
RGB Percent	96%, 84%, 92%
CMY	0.0353, 0.1647, 0.0823
CMYK	0.00, 0.13, 0.05, 0.04
HSL	322°, 65%, 90%
HSV	322°, 13%, 96%
XYZ	76.6516, 73.1218, 87.9159
YIQ	225.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

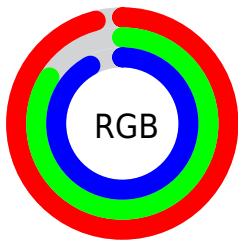
Format	Color
R _Y B	246, 213, 234
Decimal	16176618
CIE Lab	88.51, 14.95, -6.05
CIE LCh	89, 16.129, 337.951
Yxy	73.1218, 0.3225, 0.3076
Android (android.graphics.Color)	4294366698 (0xFFFF6D5EA)
YUV	225.2610, 4.3083, 18.1881
Hunter-Lab	85.5113, 10.3612, -1.0994

Details

The XYZ color **76.6516, 73.1218, 87.9159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9898, 85.4960, 83.8409**, and the grayscale version is **71.7210, 75.4560, 82.1716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4979, 38.6152, 47.3858** is the 20% darker color. If you saturate the color by 10%, you get **69.6746, 61.1722, 79.4086**, and if you desaturate by 10%, it is **84.6363, 86.9808, 97.0811**.

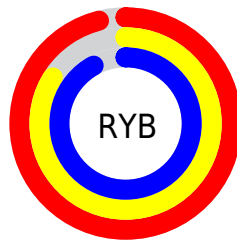
Distribution



Red (96%)

Green (84%)

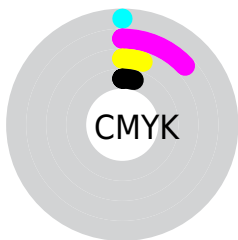
Blue (92%)



Red (96%)

Yellow (84%)

Blue (92%)

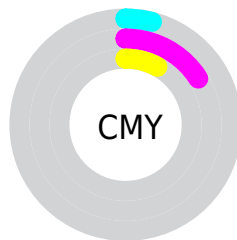


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6516, 73.1218, 87.9159 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 76.6516, 73.1218, 87.9159 by changing the saturation by 10% instead.


 76.6516, 73.1218,
87.9159

 76.6516, 73.1218,
87.9159


472.4855,
471.4368, 541.6220

 57.2659, 54.0756,
65.6895


127.6230,
123.6501, 146.3502

 41.4597, 38.6621,
47.5655


159.9394,
155.9010, 183.3951

 28.8677, 26.4969,
33.1254


197.2968,
193.3222, 226.2166

 19.1246, 17.1958,
21.9506

240.0605,
236.2981, 275.2333

 11.8649, 10.3742,
13.6226

288.5959,
285.2131, 330.8636

 6.7233, 5.6477,
7.7229

343.2683,

 3.3344, 2.6321,

340.4516, 393.5261

3.8330

404.4430,
402.3981, 463.6394

■ 1.3330, 0.9428,
1.5342

■ 0.2077, 0.0000,
0.2432

■ 76.6516, 73.1218,
87.9159

■ 76.6516, 73.1218,
87.9159

■ 69.6746, 61.1722,
79.4086

■ 84.6363, 86.9808,
97.0811

■ 63.6559, 51.0378,
71.5354

■ 91.3206, 98.1347,
106.1368

■ 58.5512, 42.6307,
64.2777

■ 91.8166, 98.3331,
108.7487

■ 54.3102, 35.8518,
57.6138

■ 50.8776, 30.5920,
51.5203

■ 48.1912, 26.7287,
45.9712

■ 46.1793, 24.1201,
40.9375

■ 44.7546, 22.5937,
36.3846

■ 44.0527, 22.0116,
33.6174

Harmonies

Analogous

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



74.1930, 73.1218, 97.6941



76.6516, 73.1218, 87.9159



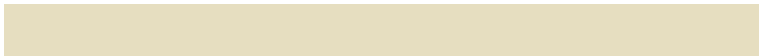
77.1589, 73.1218, 76.6961

Triad

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



76.6516, 73.1218, 87.9159



68.4725, 73.1218, 60.2643



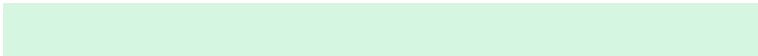
63.7781, 73.1218, 93.5029

Complementary

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



76.6516, 73.1218, 87.9159



73.9898, 85.4960, 83.8409

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.



62.3656, 73.1218, 82.6115



76.6516, 73.1218, 87.9159



65.0093, 73.1218, 63.9202

Square

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



76.6516, 73.1218, 87.9159



72.3404, 73.1218, 61.3993



62.8078, 73.1218, 71.8579



66.7351, 73.1218, 101.1233

Rectangle

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



76.6516, 73.1218, 87.9159



76.3053, 73.1218, 70.0105



62.8078, 73.1218, 71.8579



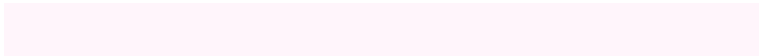
63.1120, 73.1218, 90.0649

Sweetspot

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



76.6537, 73.1250, 87.9175



91.2904, 93.4272, 104.7288



71.3429, 70.1812, 96.9761



19.3929, 19.7410, 22.2512



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

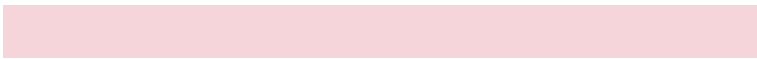
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6537, 73.1250, 87.9175



81.0894, 75.7553, 92.9125



74.4512, 72.2440, 76.3193



16.9430, 16.6600, 19.4462



23.5830, 11.7766, 18.3104



2.1219, 1.0547, 1.8685

Inverse Universe

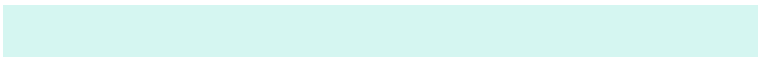
The Inverse Universe completely reimagines the original color for something new.



76.6537, 73.1250, 87.9175



81.0894, 75.7553, 92.9125



76.2834, 86.4134, 95.9188



16.9430, 16.6600, 19.4462



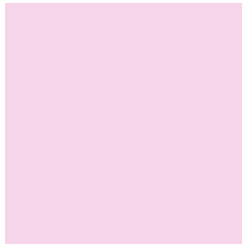
23.5830, 11.7766, 18.3104



2.1219, 1.0547, 1.8685

Previews

White Background



This preview shows how the XYZ color 76.6516, 73.1218, 87.9159 looks on a white background.

Color Contrast Check

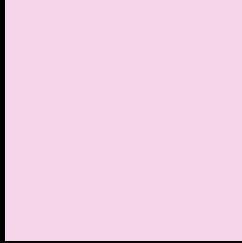
Large Text (above 18pt) WCAG AA × Fail

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 76.6516, 73.1218, 87.9159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

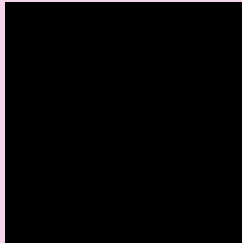
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6516, 73.1218, 87.9159

Background



This preview shows how black text looks on a background with the XYZ color 76.6516, 73.1218, 87.9159.



This preview shows how white text looks on a background with the XYZ color 76.6516, 73.1218,

87.9159.

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

76.6516, 73.1218, 87.9159

Protanopia

71.2552, 73.3170, 92.0574

Deuteranopia

74.8605, 73.3456, 87.3023



Tritanopia

75.9857, 73.2188, 84.9907

Trichromacy



Original Color

76.6516, 73.1218, 87.9159

Protanomaly

72.9906, 73.0802, 90.3796

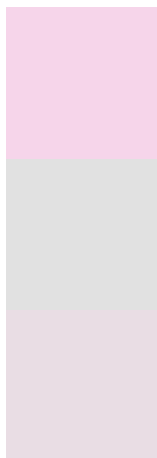
Deuteranomaly

75.6264, 73.3613, 87.2650

Tritanomaly

76.1266, 73.2751, 85.7325

Monochromacy



Original Color

76.6516, 73.1218, 87.9159

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.4643, 74.6380, 83.9334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6516, 73.1218, 87.9159 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, 213, 234) looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 234)  
}
```

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, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.6516, 73.1218, 87.9159 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, 213, 234) }
```


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

```
.border{ border-color:rgb(246, 213, 234) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6516, 73.1218, 87.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 234) }
```

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

```
.background{ background-color: rgb(246,  
213, 234) }
```

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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