

Converting Colors

XYZ(78.4883, 72.8708, 87.8995)

Have a look what the booklet for
XYZ(78.4883, 72.8708, 87.8995)
contains.

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Color

**XYZ(78.4059, 72.9163,
87.7837)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD2EA
RGB	253, 210, 234
RGB Percent	99%, 82%, 92%
CMY	0.0078, 0.1764, 0.0823
CMYK	0.00, 0.17, 0.08, 0.01
HSL	327°, 91%, 91%
HSV	327°, 17%, 99%
XYZ	78.4059, 72.9163, 87.7837
YIQ	225.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

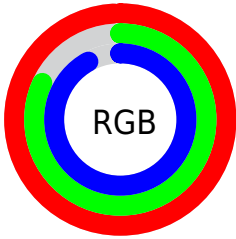
Format	Color
RYB	253, 210, 234
Decimal	16634602
CIELab	88.41, 18.90, -6.13
CIElCh	88, 19.865, 342.025
Yxy	72.9163, 0.3279, 0.3050
Android (android.graphics.Color)	4294824682 (0xFFFD2EA)
YUV	225.5930, 4.1447, 24.0359
Hunter-Lab	85.3910, 14.4641, -1.1776

Details

The XYZ color **78.4059, 72.9163, 87.7837** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8494, 89.6114, 87.4320**, and the grayscale version is **71.9587, 75.7061, 82.4440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5222, 38.3928, 47.2889** is the 20% darker color. If you saturate the color by 10%, you get **71.0911, 60.7758, 77.6696**, and if you desaturate by 10%, it is **86.8137, 87.0786, 98.7639**.

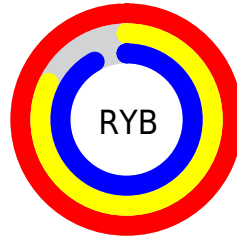
Distribution



Red (99%)

Green (82%)

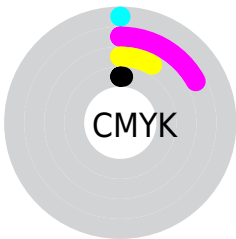
Blue (92%)



Red (99%)

Yellow (82%)

Blue (92%)

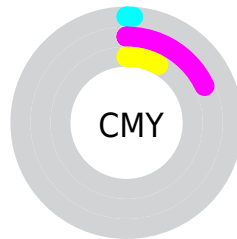


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4059, 72.9163, 87.7837 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 78.4059, 72.9163, 87.7837 by changing the saturation by 10% instead.


 78.4059, 72.9163,
87.7837

 78.4059, 72.9163,
87.7837


478.3630,
470.7247, 541.1776

 58.7114, 53.9075,
65.5806


130.0845,
123.3584, 146.1645

 42.6263, 38.5277,
47.4777


162.7993,
155.5605, 183.1793

 29.7853, 26.3925,
33.0564


200.5850,
192.9291, 225.9684

 19.8229, 17.1175,
21.8982

243.8068,
235.8487, 274.9503

 12.3739, 10.3183,
13.5845

292.8301,
284.7037, 330.5437

 7.0729, 5.6105,
7.6968

348.0204,

 3.5545, 2.6097,

339.8784, 393.1670

3.8166

409.7429,
401.7573, 463.2388

■ 1.4533, 0.9316,
1.5253

■ 0.2937, 0.0000,
0.2366

■ 78.4059, 72.9163,
87.7837

■ 78.4059, 72.9163,
87.7837

■ 71.0911, 60.7758,
77.6696

■ 86.8137, 87.0786,
98.7639

■ 64.8149, 50.5542,
68.3919

94.3185, 99.6229,
108.8658

■ 59.5274, 42.1539,
59.9253

■ 55.1722, 35.4650,
52.2413

■ 51.6865, 30.3654,
45.3090

■ 48.9995, 26.7168,
39.0946

■ 47.0284, 24.3568,
33.5596

■ 45.6679, 23.0787,
28.6578

■ 45.3310, 22.8119,
27.2908

Harmonies

Analogous

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



75.6320, 72.9163, 100.5623



78.4059, 72.9163, 87.7837



78.6739, 72.9163, 74.0423

Triad

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



78.4059, 72.9163, 87.7837



67.4102, 72.9163, 56.3615



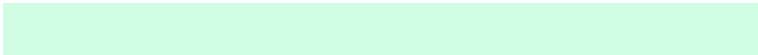
62.7084, 72.9163, 98.3211

Complementary

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



78.4059, 72.9163, 87.7837



75.8494, 89.6114, 87.4320

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.



60.7107, 72.9163, 84.9964



78.4059, 72.9163, 87.7837



63.3406, 72.9163, 61.4257

Square

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



78.4059, 72.9163, 87.7837



72.1756, 72.9163, 56.9252



60.9366, 72.9163, 71.5556



66.5111, 72.9163, 107.1101

Rectangle

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



78.4059, 72.9163, 87.7837



77.3803, 72.9163, 66.2552



60.9366, 72.9163, 71.5556



61.8116, 72.9163, 94.1630

Sweetspot

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



78.4080, 72.9195, 87.7853



90.2226, 91.7756, 102.8811



72.9753, 69.7864, 102.5536



19.1712, 19.4057, 21.8436



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.



78.4080, 72.9195, 87.7853



77.4642, 70.2983, 86.1752



75.5505, 71.7765, 72.7380



18.4339, 18.1569, 20.9018



24.1887, 12.1648, 14.9102



2.4102, 1.2064, 1.7413

Inverse Universe

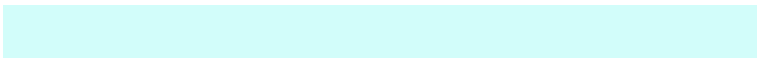
The Inverse Universe completely reimagines the original color for something new.



78.4080, 72.9195, 87.7853



77.4642, 70.2983, 86.1752



78.9822, 90.8645, 103.9293



18.4339, 18.1569, 20.9018



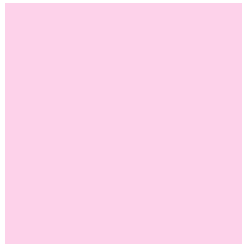
24.1887, 12.1648, 14.9102



2.4102, 1.2064, 1.7413

Previews

White Background



This preview shows how the XYZ color 78.4059, 72.9163, 87.7837 looks on a white background.

Color Contrast Check

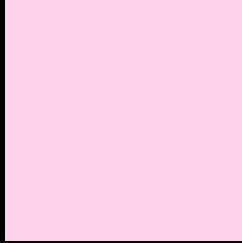
Large Text (above 18pt) WCAG AA × Fail

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 78.4059, 72.9163, 87.7837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

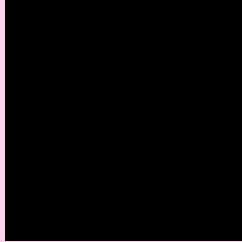
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4059, 72.9163, 87.7837

Background



This preview shows how black text looks on a background with the XYZ color 78.4059, 72.9163, 87.7837.



This preview shows how white text looks on a background with the XYZ color 78.4059, 72.9163,

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

78.4059, 72.9163, 87.7837

Protanopia

71.4034, 73.3763, 92.8378

Deuteranopia

74.6050, 72.8348, 87.2172



Tritanopia

77.4427, 72.8854, 83.3854

Trichromacy



Original Color

78.4059, 72.9163, 87.7837

Protanomaly

73.8497, 73.1224, 91.1107

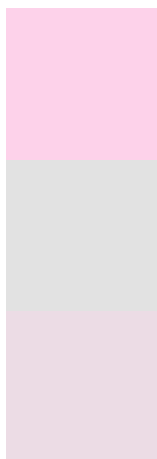
Deuteranomaly

75.8105, 72.7048, 87.1286

Tritanomaly

77.7221, 72.9971, 84.8564

Monochromacy



Original Color

78.4059, 72.9163, 87.7837

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3281, 74.6764, 84.6252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4059, 72.9163, 87.7837 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, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 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(253, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 234) }
```

Border

The CSS property to change the border of an element to XYZ 78.4059, 72.9163, 87.7837 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, 210, 234) }
```


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

```
.border{ border-color:rgb(253, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4059, 72.9163, 87.7837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 234) }
```

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

```
.background{ background-color: rgb(253,  
210, 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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