

Converting Colors

XYZ(78.5613, 71.5274, 93.6386)

Have a look what the booklet for
XYZ(78.5613, 71.5274, 93.6386)
contains.

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Color

**XYZ(78.6063, 71.4361,
93.6499)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEF2
RGB	253, 206, 242
RGB Percent	99%, 81%, 95%
CMY	0.0078, 0.1921, 0.0510
CMYK	0.00, 0.19, 0.04, 0.01
HSL	314°, 92%, 90%
HSV	314°, 19%, 99%
XYZ	78.6063, 71.4361, 93.6499
YIQ	224.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

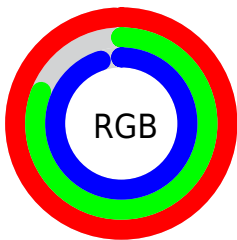
Format	Color
R _Y B	253, 206, 242
Decimal	16633586
CIE Lab	87.70, 22.36, -11.41
CIE LCh	88, 25.105, 332.958
Yxy	71.4361, 0.3226, 0.2931
Android (android.graphics.Color)	4294823666 (0xFFFDCEF2)
YUV	224.1570, 8.7966, 25.2953
Hunter-Lab	84.5199, 18.1012, -6.5307

Details

The XYZ color **78.6063, 71.4361, 93.6499** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1061, 88.3841, 78.8564**, and the grayscale version is **70.8964, 74.5886, 81.2269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6945, 37.4142, 51.4258** is the 20% darker color. If you saturate the color by 10%, you get **72.1244, 59.8719, 87.1724**, and if you desaturate by 10%, it is **86.1015, 84.9787, 100.6089**.

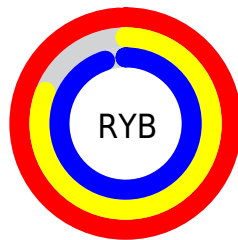
Distribution



Red (99%)

Green (81%)

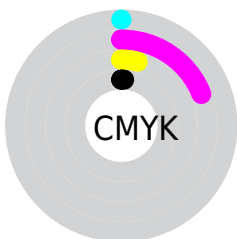
Blue (95%)



Red (99%)

Yellow (81%)

Blue (95%)

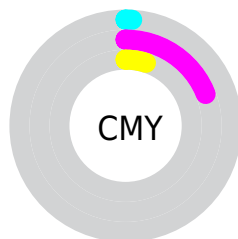


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6063, 71.4361, 93.6499 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 78.6063, 71.4361, 93.6499 by changing the saturation by 10% instead.


 78.6063, 71.4361,
93.6499

 78.6063, 71.4361,
93.6499


479.0318,
465.5765, 560.7072

 58.8767, 52.6982,
70.4211


130.3653,
121.2545, 154.3776

 42.7598, 37.5619,
51.3910


163.1254,
153.1037, 192.7135

 29.8904, 25.6428,
36.1410


200.9597,
190.0921, 236.9223

 19.9031, 16.5566,
24.2526

244.2336,
232.6042, 287.4224

 12.4325, 9.9189,
15.3071

293.3124,
281.0243, 344.6324

 7.1132, 5.3452,
8.8862

348.5615,

 3.5800, 2.4512,

335.7368, 408.9709

4.5712

410.3462,
397.1260, 480.8563

■ 1.4674, 0.8520,
1.9437

■ 0.3035, 0.0000,
0.5203

■ 78.6063, 71.4361,
93.6499

■ 78.6063, 71.4361,
93.6499

■ 72.1244, 59.8719,
87.1724

■ 86.1015, 84.9787,
100.6089

■ 66.6025, 50.1829,
81.1548

■ 94.1331, 99.5487,
107.8894

■ 61.9917, 42.2709,
75.5804

■ 94.3185, 99.6229,
108.8658

■ 58.2362, 36.0248,
70.4292

■ 55.2742, 31.3213,
65.6791

■ 53.0350, 28.0195,
61.3053

■ 51.4350, 25.9528,
57.2784

■ 50.3557, 24.8844,
53.5575

■ 50.2216, 24.7681,
53.0446

Harmonies

Analogous

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



74.3141, 71.4361, 108.6412



78.6063, 71.4361, 93.6499



79.9765, 71.4361, 76.1031

Triad

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



78.6063, 71.4361, 93.6499



67.3092, 71.4361, 49.4336



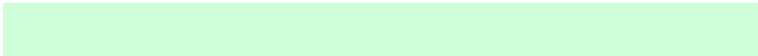
58.7434, 71.4361, 97.0036

Complementary

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



78.6063, 71.4361, 93.6499



73.1061, 88.3841, 78.8564

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.



57.1011, 71.4361, 79.4849



78.6063, 71.4361, 93.6499



61.8620, 71.4361, 53.4008

Square

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



78.6063, 71.4361, 93.6499



73.2334, 71.4361, 52.0957



58.2090, 71.4361, 63.8157



62.8280, 71.4361, 110.7677

Rectangle

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



78.6063, 71.4361, 93.6499



78.9868, 71.4361, 65.6884



58.2090, 71.4361, 63.8157



57.8986, 71.4361, 91.2751

Sweetspot

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



78.6084, 71.4392, 93.6514



89.7905, 90.3952, 104.3288



68.4094, 65.9848, 102.0603



19.1014, 19.1344, 22.2265



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.



78.6084, 71.4392, 93.6514



77.6477, 68.4638, 93.0235



75.3066, 70.1185, 76.2645



18.6001, 18.2234, 21.7773



26.7749, 13.1993, 28.5288



2.6489, 1.3019, 2.9985

Inverse Universe

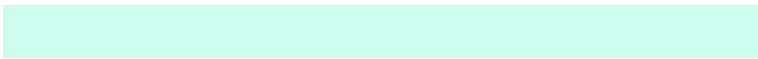
The Inverse Universe completely reimagines the original color for something new.



78.6084, 71.4392, 93.6514



77.6477, 68.4638, 93.0235



76.3789, 89.6932, 96.0909



18.6001, 18.2234, 21.7773



26.7749, 13.1993, 28.5288



2.6489, 1.3019, 2.9985

Previews

White Background



This preview shows how the XYZ color 78.6063, 71.4361, 93.6499 looks on a white background.

Color Contrast Check

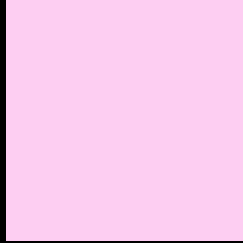
Large Text (above 18pt) WCAG AA × Fail

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 78.6063, 71.4361, 93.6499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

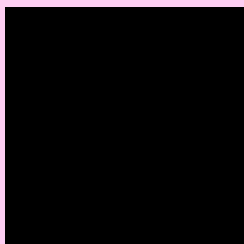
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6063, 71.4361, 93.6499

Background



This preview shows how black text looks on a background with the XYZ color 78.6063, 71.4361, 93.6499.



This preview shows how white text looks on a background with the XYZ color 78.6063, 71.4361,

93.6499.

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

78.6063, 71.4361, 93.6499

Protanopia

70.3511, 71.4920, 100.5339

Deuteranopia

73.0535, 71.5402, 92.3964



Tritanopia

76.1747, 71.5464, 81.0292

Trichromacy



Original Color

78.6063, 71.4361, 93.6499

Protanomaly

73.1482, 71.4665, 97.9348

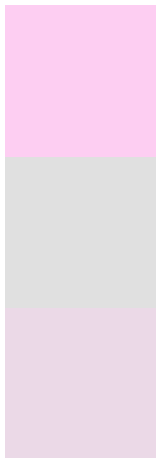
Deuteranomaly

75.1066, 71.4647, 93.0546

Tritanomaly

77.1246, 71.5767, 85.3521

Monochromacy



Original Color

78.6063, 71.4361, 93.6499

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.4976, 73.0574, 85.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6063, 71.4361, 93.6499 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, 206, 242)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 242)  
}
```

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, 206, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.6063, 71.4361, 93.6499 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, 206, 242) }
```


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

```
.border{ border-color:rgb(253, 206, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6063, 71.4361, 93.6499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 242) }
```

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

```
.background{ background-color: rgb(253,  
206, 242) }
```

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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