

Converting Colors

XYZ(79.7637, 74.1641, 92.6993)

Have a look what the booklet for
XYZ(79.7637, 74.1641, 92.6993)
contains.

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Color

**XYZ(79.7797, 74.2609,
92.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD4F0
RGB	253, 212, 240
RGB Percent	99%, 83%, 94%
CMY	0.0078, 0.1686, 0.0588
CMYK	0.00, 0.16, 0.05, 0.01
HSL	319°, 91%, 91%
HSV	319°, 16%, 99%
XYZ	79.7797, 74.2609, 92.5670
YIQ	227.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

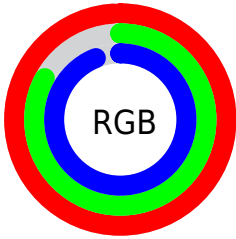
Format	Color
R _{YB}	253, 212, 240
Decimal	16635120
CIE Lab	89.05, 18.87, -8.35
CIE LCh	89, 20.634, 336.125
Yxy	74.2609, 0.3235, 0.3011
Android (android.graphics.Color)	4294825200 (0xFFFDD4F0)
YUV	227.4510, 6.1867, 22.4065
Hunter-Lab	86.1748, 14.4476, -3.3657

Details

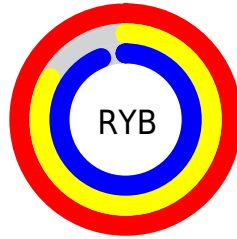
The XYZ color **79.7797, 74.2609, 92.5670** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.8702, 89.6860, 84.5508**, and the grayscale version is **73.2923, 77.1092, 83.9719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4737, 39.3104, 50.6438** is the 20% darker color. If you saturate the color by 10%, you get **72.7789, 62.1238, 84.4831**, and if you desaturate by 10%, it is **87.8284, 88.4075, 101.2620**.

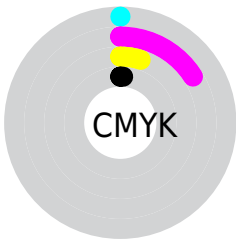
Distribution



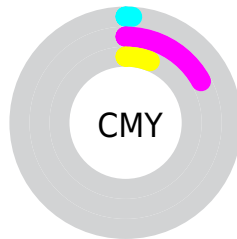
- Red (99%)
- Green (83%)
- Blue (94%)



- Red (99%)
- Yellow (83%)
- Blue (94%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7797, 74.2609, 92.5670 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 79.7797, 74.2609, 92.5670 by changing the saturation by 10% instead.

79.7797, 74.2609,
92.5670

79.7797, 74.2609,
92.5670

482.9379,
475.3733, 557.1304

59.8449, 55.0076,
69.5260

132.0081,
125.2656, 152.8655

43.5426, 39.4078,
50.6658

165.0325,
157.7858, 190.9601

30.5075, 27.0771,
35.5678

203.1507,
195.4970, 234.9096

20.3741, 17.6312,
23.8136

246.7282,
238.7837, 285.1327

12.7771, 10.6855,
14.9845

296.1303,
288.0304, 342.0477

7.3512, 5.8558,
8.6620

351.7224,

3.7309, 2.7576,

343.6212, 406.0733

4.4276

413.8699,
405.9407, 477.6280

■ 1.5511, 1.0065,
1.8627

■ 0.3602, 0.0000,
0.4689

■ 79.7797, 74.2609,
92.5670

■ 79.7797, 74.2609,
92.5670

■ 72.7789, 62.1238,
84.4831

■ 87.8284, 88.4075,
101.2620

■ 66.7729, 51.8940,
76.9866

94.3185, 99.6229,
108.8658

■ 61.7135, 43.4753,
70.0590

■ 57.5458, 36.7590,
63.6785

■ 54.2090, 31.6246,
57.8212

■ 51.6345, 27.9359,
52.4608

■ 49.7418, 25.5334,
47.5668

■ 48.4313, 24.2188,
43.1020

■ 48.0293, 23.8912,
41.4998

Harmonies

Analogous

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



76.4260, 74.2609, 105.2978



79.7797, 74.2609, 92.5670



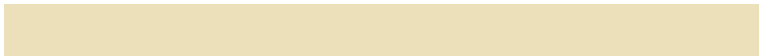
80.6189, 74.2609, 77.9446

Triad

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



79.7797, 74.2609, 92.5670



69.5582, 74.2609, 56.3740



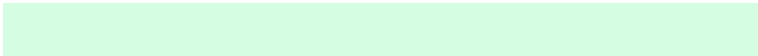
63.0716, 74.2609, 98.2693

Complementary

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



79.7797, 74.2609, 92.5670



75.8702, 89.6860, 84.5508

Split Complementary

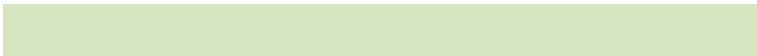
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4162, 74.2609, 83.8421



79.7797, 74.2609, 92.5670



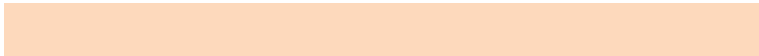
65.0452, 74.2609, 60.5258

Square

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



79.7797, 74.2609, 92.5670



74.5610, 74.2609, 58.1273



62.1213, 74.2609, 70.1796



66.7486, 74.2609, 108.8534

Rectangle

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



79.7797, 74.2609, 92.5670



79.6061, 74.2609, 69.2887



62.1213, 74.2609, 70.1796



62.2684, 74.2609, 93.6473

Sweetspot

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



79.7819, 74.2642, 92.5686



90.4724, 91.8755, 104.1965



72.3223, 70.1874, 102.6654



19.2319, 19.4300, 22.1636



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.



79.7819, 74.2642, 92.5686



79.1181, 71.9376, 91.8702



76.9085, 73.1148, 77.4376



18.5331, 18.1966, 21.4247



25.6186, 12.7368, 22.4400



2.5440, 1.2600, 2.4463

Inverse Universe

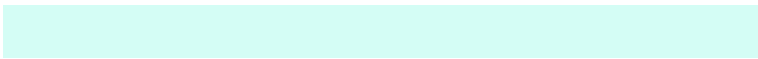
The Inverse Universe completely reimagines the original color for something new.



79.7819, 74.2642, 92.5686



79.1181, 71.9376, 91.8702



78.8345, 90.8717, 100.1604



18.5331, 18.1966, 21.4247



25.6186, 12.7368, 22.4400



2.5440, 1.2600, 2.4463

Previews

White Background



This preview shows how the XYZ color 79.7797, 74.2609, 92.5670 looks on a white background.

Color Contrast Check

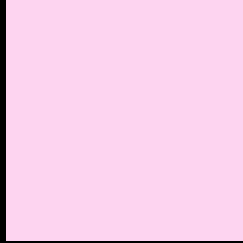
Large Text (above 18pt) WCAG AA × Fail

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 79.7797, 74.2609, 92.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

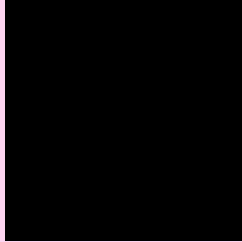
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7797, 74.2609, 92.5670

Background



This preview shows how black text looks on a background with the XYZ color 79.7797, 74.2609, 92.5670.



This preview shows how white text looks on a background with the XYZ color 79.7797, 74.2609,

92.5670.

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

79.7797, 74.2609, 92.5670

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

75.9894, 74.2084, 91.9799



Tritanopia

78.4744, 74.5018, 85.1071

Trichromacy



Original Color

79.7797, 74.2609, 92.5670

Protanomaly

75.0048, 73.9981, 95.9178

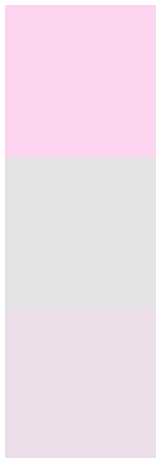
Deuteranomaly

77.1887, 74.0660, 91.8892

Tritanomaly

78.7904, 74.2245, 88.0160

Monochromacy



Original Color

79.7797, 74.2609, 92.5670

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.2788, 75.9016, 87.0268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7797, 74.2609, 92.5670 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, 212, 240)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 240)  
}
```

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, 212, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.7797, 74.2609, 92.5670 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, 212, 240) }
```


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

```
.border{ border-color:rgb(253, 212, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 212, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 212, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 212, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 212,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7797, 74.2609, 92.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 240) }
```

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

```
.background{ background-color: rgb(253,  
212, 240) }
```

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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