

Converting Colors

XYZ(79.3525, 76.3034, 97.3777)

Have a look what the booklet for
XYZ(79.3525, 76.3034, 97.3777)
contains.

XYZ(79.3621, 76.2091, 97.7158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3621, 76.2091,
97.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAF6
RGB	245, 218, 246
RGB Percent	96%, 85%, 96%
CMY	0.0392, 0.1451, 0.0353
CMYK	0.00, 0.11, 0.00, 0.04
HSL	298°, 61%, 91%
HSV	298°, 11%, 96%
XYZ	79.3621, 76.2091, 97.7158
YIQ	229.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

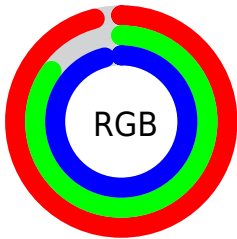
Format	Color
R _Y B	245, 218, 246
Decimal	16112374
CIE Lab	89.96, 14.12, -10.23
CIE LCh	90, 17.436, 324.071
Yxy	76.2091, 0.3133, 0.3009
Android (android.graphics.Color)	4294302454 (0xFFFF5DAF6)
YUV	229.2650, 8.2504, 13.7996
Hunter-Lab	87.2978, 9.5024, -5.2571

Details

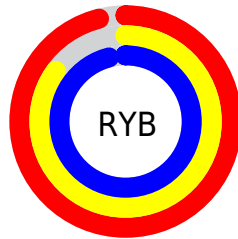
The XYZ color **79.3621, 76.2091, 97.7158** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.8270, 86.0356, 78.9963**, and the grayscale version is **74.6106, 78.4962, 85.4823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3777, 40.7309, 54.2908** is the 20% darker color. If you saturate the color by 10%, you get **73.1454, 64.2284, 95.7321**, and if you desaturate by 10%, it is **86.5315, 90.0906, 100.0185**.

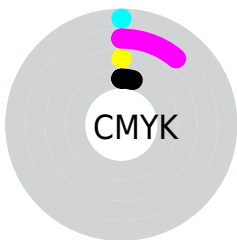
Distribution



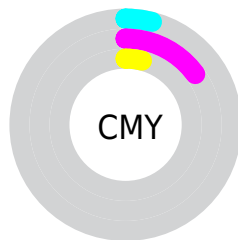
- Red (96%)
- Green (85%)
- Blue (96%)



- Red (96%)
- Yellow (85%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3621, 76.2091, 97.7158 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 79.3621, 76.2091, 97.7158 by changing the saturation by 10% instead.

79.3621, 76.2091,
97.7158

79.3621, 76.2091,
97.7158

481.5498,
482.0632, 574.0282

59.5002, 56.6040,
73.7881

131.4237,
128.0224, 160.0390

43.2638, 40.6874,
54.1249

164.3542,
160.9994, 199.2716

30.2876, 28.0749,
38.3076

202.3716,
199.2026, 244.4428

20.2062, 18.3821,
25.9179

245.8413,
243.0161, 295.9713

12.6541, 11.2247,
16.5370

295.1286,
292.8246, 354.2755

7.2662, 6.2182,
9.7465

350.5989,

3.6769, 2.9782,

349.0123, 419.7740

5.1278

412.6175,
411.9637, 492.8854

■ 1.5210, 1.1204,
2.2624

■ 0.3401, 0.0000,
0.7100

■ 79.3621, 76.2091,
97.7158

■ 79.3621, 76.2091,
97.7158

■ 73.1454, 64.2284,
95.7321

■ 86.5315, 90.0906,
100.0185

■ 67.8330, 54.0556,
94.0485

■ 90.6676, 97.9043,
101.3087

■ 63.3826, 45.6046,
92.6519

■ 90.9778, 98.0642,
101.3232

■ 59.7458, 38.7786,
91.5260

■ 91.2895, 98.2249,
101.3378

56.8694, 33.4711,
90.6532

91.6026, 98.3863,
101.3524

54.6937, 29.5630,
90.0135

91.9173, 98.5485,
101.3671

53.1503, 26.9174,
89.5842

92.2333, 98.7114,
101.3819

52.1572, 25.3701,
89.3379

92.5509, 98.8752,
101.3968

51.6315, 24.6954,
89.2353

92.8699, 99.0396,
101.4117

Harmonies

Analogous

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



75.8712, 76.2091, 106.6176



79.3621, 76.2091, 97.7158



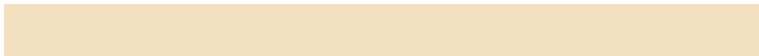
81.0036, 76.2091, 85.4572

Triad

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



79.3621, 76.2091, 97.7158



73.2948, 76.2091, 61.5187



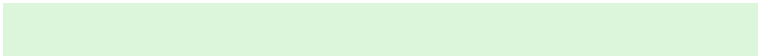
65.1207, 76.2091, 93.0518

Complementary

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



79.3621, 76.2091, 97.7158



74.8270, 86.0356, 78.9963

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.



64.4920, 76.2091, 80.5487



79.3621, 76.2091, 97.7158



69.1031, 76.2091, 63.1208

Square

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



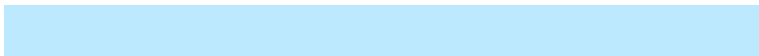
79.3621, 76.2091, 97.7158



77.4124, 76.2091, 65.1881



65.9222, 76.2091, 69.8033



67.6747, 76.2091, 103.7433

Rectangle

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



79.3621, 76.2091, 97.7158



80.7834, 76.2091, 77.3351



65.9222, 76.2091, 69.8033



64.6815, 76.2091, 88.8905

Sweetspot

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



79.3643, 76.2124, 97.7175



92.5574, 95.1640, 108.0979



70.9873, 72.4351, 97.4299



19.6720, 20.0994, 23.0927



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.



79.3643, 76.2124, 97.7175



84.2323, 79.0587, 105.4281



77.8451, 75.6451, 87.8913



17.1517, 16.7364, 20.8690



27.5853, 13.1951, 47.6310



2.4425, 1.1690, 4.1871

Inverse Universe

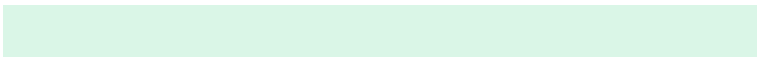
The Inverse Universe completely reimagines the original color for something new.



75.8663, 74.8536, 77.4713



79.6445, 77.2776, 78.8286



76.2392, 86.5659, 87.9989



16.5231, 16.4921, 17.2353



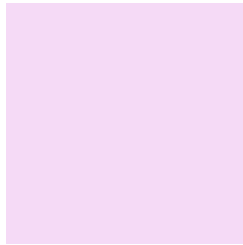
20.3226, 10.4725, 1.1412



1.7944, 0.9237, 0.1439

Previews

White Background



This preview shows how the XYZ color 79.3621, 76.2091, 97.7158 looks on a white background.

Color Contrast Check

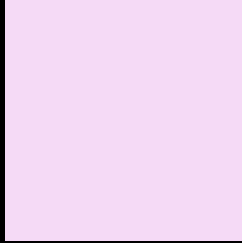
Large Text (above 18pt) WCAG AA × Fail

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 79.3621, 76.2091, 97.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

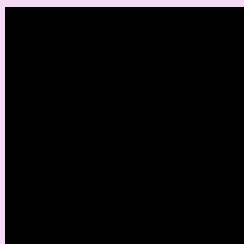
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3621, 76.2091, 97.7158

Background



This preview shows how black text looks on a background with the XYZ color 79.3621, 76.2091, 97.7158.



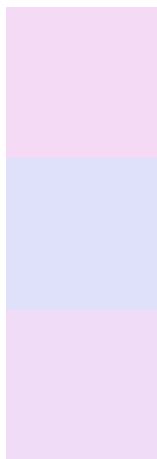
This preview shows how white text looks on a background with the XYZ color 79.3621, 76.2091,

97.7158.

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

79.3621, 76.2091, 97.7158

Protanopia

74.6120, 76.4405, 101.2645

Deuteranopia

78.1629, 76.3655, 97.8092



Tritanopia

78.1875, 76.5339, 90.7724

Trichromacy



Original Color

79.3621, 76.2091, 97.7158

Protanomaly

76.1752, 76.0710, 100.2908

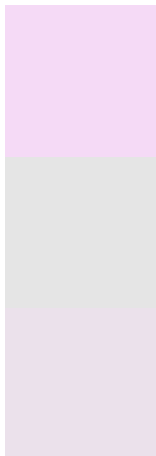
Deuteranomaly

78.5840, 76.1941, 97.7539

Tritanomaly

78.3679, 76.1874, 93.0133

Monochromacy



Original Color

79.3621, 76.2091, 97.7158

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1816, 77.5108, 89.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3621, 76.2091, 97.7158 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(245, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 246)  
}
```

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(245, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.3621, 76.2091, 97.7158 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(245, 218, 246) }
```


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

```
.border{ border-color:rgb(245, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3621, 76.2091, 97.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 246) }
```

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

```
.background{ background-color: rgb(245,  
218, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor