

Converting Colors

XYZ(78.7703, 75.9400, 93.8256)

Have a look what the booklet for
XYZ(78.7703, 75.9400, 93.8256)
contains.

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Color

**XYZ(78.9546, 76.0865,
93.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DAF1
RGB	246, 218, 241
RGB Percent	96%, 85%, 95%
CMY	0.0353, 0.1451, 0.0549
CMYK	0.00, 0.11, 0.02, 0.04
HSL	311°, 61%, 91%
HSV	311°, 11%, 96%
XYZ	78.9546, 76.0865, 93.7439
YIQ	228.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

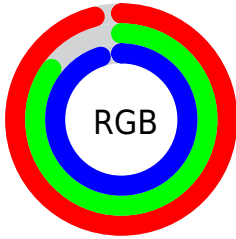
Format	Color
R_{YB}	246, 218, 241
Decimal	16177905
CIE _{Lab}	89.90, 13.56, -7.68
CIE _{LCh}	90, 15.581, 330.471
Yxy	76.0865, 0.3174, 0.3058
Android (android.graphics.Color)	4294367985 (0xFFFF6DAF1)
YUV	228.9940, 5.9190, 14.9143
Hunter-Lab	87.2276, 8.9222, -2.6599

Details

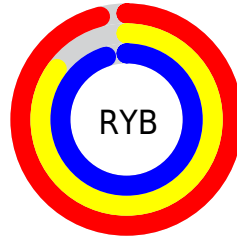
The XYZ color **78.9546, 76.0865, 93.7439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1914, 86.1467, 82.4810**, and the grayscale version is **74.4267, 78.3027, 85.2716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0894, 40.6443, 51.4730** is the 20% darker color. If you saturate the color by 10%, you get **72.3951, 64.0041, 88.3591**, and if you desaturate by 10%, it is **86.4811, 90.0753, 99.5309**.

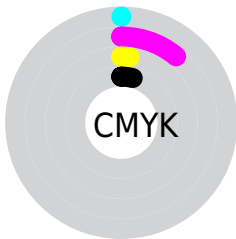
Distribution



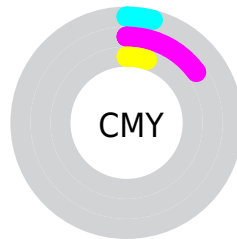
- Red (96%)
- Green (85%)
- Blue (95%)



- Red (96%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9546, 76.0865, 93.7439 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 78.9546, 76.0865, 93.7439 by changing the saturation by 10% instead.

78.9546, 76.0865,
93.7439

78.9546, 76.0865,
93.7439

480.1931,
481.6438, 561.0171

59.1640, 56.5034,
70.4989

130.8532,
127.8492, 154.5087

42.9920, 40.6067,
51.4540

163.6919,
160.7976, 192.8656

30.0733, 28.0119,
36.1908

201.6107,
198.9699, 237.0968

20.0426, 18.3346,
24.2908

244.9749,
242.7505, 287.6209

12.5345, 11.1905,
15.3353

294.1499,
292.5238, 344.8565

7.1836, 6.1951,
8.9058

349.5010,

3.6245, 2.9641,

348.6742, 409.2220

4.5838

411.3936,
411.5860, 481.1360

■ 1.4920, 1.1130,
1.9508

■ 0.3204, 0.0000,
0.5248

■ 78.9546, 76.0865,
93.7439

■ 78.9546, 76.0865,
93.7439

■ 72.3951, 64.0041,
88.3591

■ 86.4811, 90.0753,
99.5309

■ 66.7543, 53.7351,
83.3572

■ 90.9887, 98.0020,
104.3894

■ 61.9896, 45.1933,
78.7244

■ 91.6851, 98.2805,
108.0566

■ 58.0526, 38.2820,
74.4439

■ 91.8165, 98.3331,
108.7487

■ 54.8898, 32.8947,
70.4974

■ 52.4416, 28.9120,
66.8644

■ 50.6395, 26.1973,
63.5216

■ 49.4012, 24.5861,
60.4408

■ 48.6750, 23.8605,
57.9582

Harmonies

Analogous

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



76.1385, 76.0865, 102.5018



78.9546, 76.0865, 93.7439



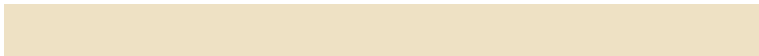
79.9786, 76.0865, 82.6711

Triad

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



78.9546, 76.0865, 93.7439



72.2571, 76.0865, 63.3959



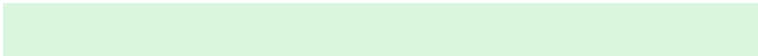
66.1213, 76.0865, 94.0721

Complementary

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



78.9546, 76.0865, 93.7439



75.1914, 86.1467, 82.4810

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.



65.1627, 76.0865, 83.0197



78.9546, 76.0865, 93.7439



68.6273, 76.0865, 65.8775

Square

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



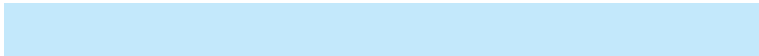
78.9546, 76.0865, 93.7439



76.0295, 76.0865, 65.7281



66.0640, 76.0865, 72.8259



68.7292, 76.0865, 102.7027

Rectangle

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



78.9546, 76.0865, 93.7439



79.4798, 76.0865, 75.6472



66.0640, 76.0865, 72.8259



65.5997, 76.0865, 90.4860

Sweetspot

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



78.9568, 76.0898, 93.7455



92.4387, 95.1281, 106.9482



72.0380, 72.4355, 97.3746



19.6398, 20.0896, 22.7811



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

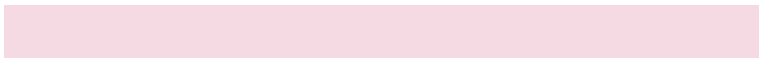
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9568, 76.0898, 93.7455



83.6901, 78.8958, 100.1329



76.9912, 75.3036, 83.3948



17.0792, 16.7145, 20.1635



26.0280, 12.7546, 31.1855



2.3201, 1.1340, 2.9119

Inverse Universe

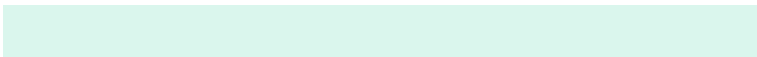
The Inverse Universe completely reimagines the original color for something new.



78.9568, 76.0898, 93.7455



83.6901, 78.8958, 100.1329



77.1092, 86.9138, 92.5798



17.0792, 16.7145, 20.1635



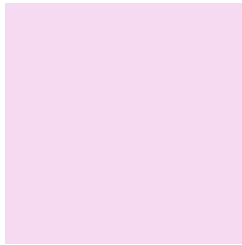
26.0280, 12.7546, 31.1855



2.3201, 1.1340, 2.9119

Previews

White Background



This preview shows how the XYZ color 78.9546, 76.0865, 93.7439 looks on a white background.

Color Contrast Check

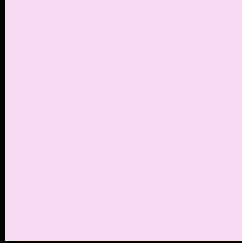
Large Text (above 18pt) WCAG AA × Fail

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 78.9546, 76.0865, 93.7439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

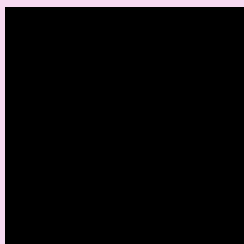
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9546, 76.0865, 93.7439

Background



This preview shows how black text looks on a background with the XYZ color 78.9546, 76.0865, 93.7439.



This preview shows how white text looks on a background with the XYZ color 78.9546, 76.0865,

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

78.9546, 76.0865, 93.7439

Protanopia

74.4580, 76.4506, 97.2183

Deuteranopia

78.0883, 76.4145, 93.8529



Tritanopia

78.1280, 76.1316, 89.9340

Trichromacy



Original Color

78.9546, 76.0865, 93.7439

Protanomaly

76.0547, 76.0978, 96.2678

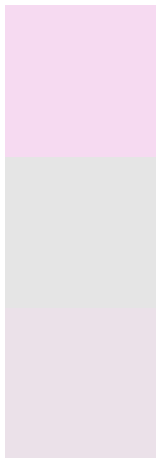
Deuteranomaly

78.1709, 76.0686, 93.7817

Tritanomaly

78.4203, 76.2486, 91.4732

Monochromacy



Original Color

78.9546, 76.0865, 93.7439

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.8941, 77.3958, 88.0296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9546, 76.0865, 93.7439 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, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(246, 218, 241)  
}
```

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, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.9546, 76.0865, 93.7439 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, 218, 241) }
```


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

```
.border{ border-color:rgb(246, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(246, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9546, 76.0865, 93.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 241) }
```

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

```
.background{ background-color: rgb(246,  
218, 241) }
```

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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