

Converting Colors

XYZ(77.4407, 76.9656, 89.6047)

Have a look what the booklet for
XYZ(77.4407, 76.9656, 89.6047)
contains.

XYZ(77.3923, 76.9415, 89.3694)	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(77.3923, 76.9415,
89.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DEEB
RGB	241, 222, 235
RGB Percent	95%, 87%, 92%
CMY	0.0549, 0.1294, 0.0784
CMYK	0.00, 0.08, 0.02, 0.05
HSL	319°, 40%, 91%
HSV	319°, 8%, 95%
XYZ	77.3923, 76.9415, 89.3694
YIQ	229.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

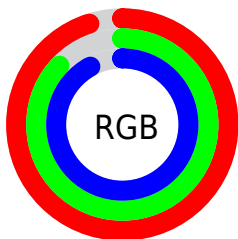
Format	Color
RYB	241, 222, 235
Decimal	15851243
CIELab	90.29, 8.73, -3.99
CIElCh	90, 9.601, 335.438
Yxy	76.9415, 0.3176, 0.3157
Android (android.graphics.Color)	4294041323 (0xFFFF1DEEB)
YUV	229.1630, 2.8776, 10.3810
Hunter-Lab	87.7163, 3.9874, 0.9940

Details

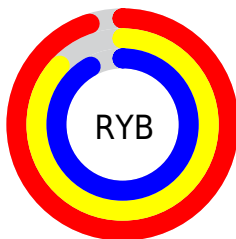
The XYZ color **77.3923, 76.9415, 89.3694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5860, 84.0437, 85.6412**, and the grayscale version is **74.5738, 78.4575, 85.4402**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9630, 41.2064, 48.3898** is the 20% darker color. If you saturate the color by 10%, you get **70.3675, 64.6136, 81.7179**, and if you desaturate by 10%, it is **85.3835, 91.1247, 97.5771**.

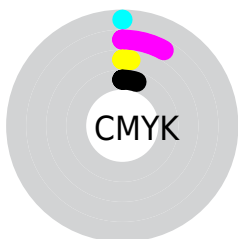
Distribution



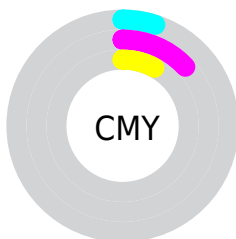
- Red (95%)
- Green (87%)
- Blue (92%)



- Red (95%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3923, 76.9415, 89.3694 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 77.3923, 76.9415, 89.3694 by changing the saturation by 10% instead.

77.3923, 76.9415,
89.3694

77.3923, 76.9415,
89.3694

474.9720,
484.5645, 546.4945

57.8760, 57.2049,
66.8870

128.6630,
129.0569, 148.3900

41.9518, 41.1697,
48.5318

161.1481,
162.2045, 185.7653

29.2545, 28.4517,
33.8852

198.6868,
200.5911, 228.9419

19.4187, 18.6665,
22.5288

241.6444,
244.6012, 278.3385

12.0790, 11.4295,
14.0439

290.3864,
294.6192, 334.3734

6.8701, 6.3565,
8.0121

345.2781,

3.4266, 3.0631,

351.0295, 397.4654

4.0148

406.6849,
414.2165, 468.0329

■ 1.3832, 1.1647,
1.6335

■ 0.2442, 0.0326,
0.3145

■ 77.3923, 76.9415,
89.3694

■ 77.3923, 76.9415,
89.3694

■ 70.3675, 64.6136,
81.7179

■ 85.3835, 91.1247,
97.5771

■ 64.2633, 54.0535,
74.6016

■ 89.3269, 97.1373,
104.6697

■ 59.0399, 45.1815,
68.0055

■ 90.0861, 97.4410,
108.6677

■ 54.6520, 37.9081,
61.9112

■ 51.0502, 32.1352,
56.2994

■ 48.1794, 27.7540,
51.1486

■ 45.9773, 24.6407,
46.4349

■ 44.3706, 22.6498,
42.1305

■ 43.2596, 21.5831,
38.1989

Harmonies

Analogous

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



75.8289, 76.9415, 94.9683



77.3923, 76.9415, 89.3694



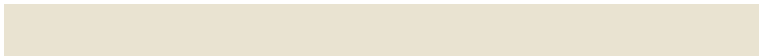
77.8036, 76.9415, 82.5345

Triad

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



77.3923, 76.9415, 89.3694



72.6957, 76.9415, 71.3403



69.4484, 76.9415, 91.6450

Complementary

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



77.3923, 76.9415, 89.3694



75.5860, 84.0437, 85.6412

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.



68.6486, 76.9415, 85.0303



77.3923, 76.9415, 89.3694



70.4971, 76.9415, 73.5000

Square

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



77.3923, 76.9415, 89.3694



75.0583, 76.9415, 72.3622



69.0283, 76.9415, 78.4214



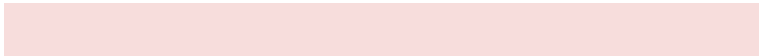
71.2361, 76.9415, 96.3314

Rectangle

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



77.3923, 76.9415, 89.3694



77.3614, 76.9415, 78.2468



69.0283, 76.9415, 78.4214



69.0569, 76.9415, 89.5602

Sweetspot

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



77.3945, 76.9448, 89.3711



93.1862, 96.6858, 107.0046



73.9014, 75.0422, 93.8098



19.9652, 20.7294, 22.9234



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.



77.3945, 76.9448, 89.3711



87.0154, 85.7632, 100.5723



76.0996, 76.4269, 82.5522



16.2294, 15.9415, 18.7643



23.4121, 11.6373, 20.6186



1.9925, 0.9860, 1.9514

Inverse Universe

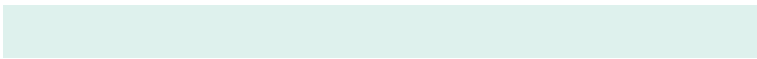
The Inverse Universe completely reimagines the original color for something new.



77.3945, 76.9448, 89.3711



87.0154, 85.7632, 100.5723



76.8973, 84.5682, 92.5462



16.2294, 15.9415, 18.7643



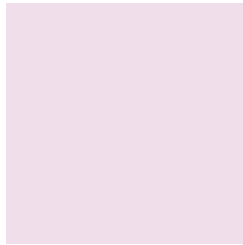
23.4121, 11.6373, 20.6186



1.9925, 0.9860, 1.9514

Previews

White Background



This preview shows how the XYZ color 77.3923, 76.9415, 89.3694 looks on a white background.

Color Contrast Check

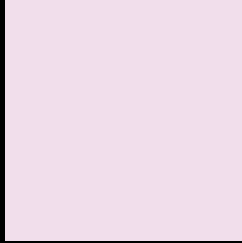
Large Text (above 18pt) WCAG AA × Fail

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 77.3923, 76.9415, 89.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

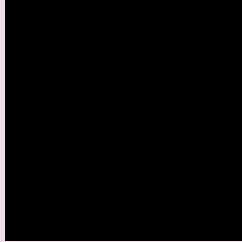
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3923, 76.9415, 89.3694

Background



This preview shows how black text looks on a background with the XYZ color 77.3923, 76.9415, 89.3694.



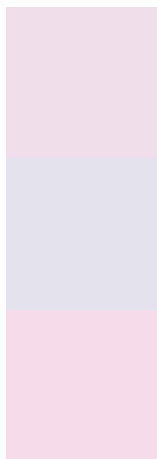
This preview shows how white text looks on a background with the XYZ color 77.3923, 76.9415,

89.3694.

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

77.3923, 76.9415, 89.3694

Protanopia

74.4773, 77.0011, 91.0581

Deuteranopia

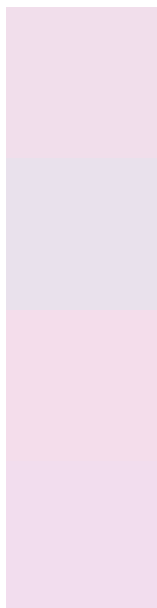
78.5946, 76.7774, 89.2744



Tritanopia

78.0544, 76.8221, 92.3756

Trichromacy



Original Color

77.3923, 76.9415, 89.3694

Protanomaly

75.6698, 77.2302, 90.2756

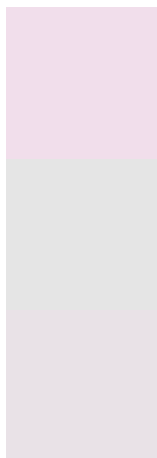
Deuteranomaly

78.1601, 76.9442, 89.3295

Tritanomaly

77.9070, 76.7632, 91.5996

Monochromacy



Original Color

77.3923, 76.9415, 89.3694

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2244, 77.4859, 86.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3923, 76.9415, 89.3694 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(241, 222, 235) looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 235)  
}
```

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(241, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.3923, 76.9415, 89.3694 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(241, 222, 235) }
```


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

```
.border{ border-color:rgb(241, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3923, 76.9415, 89.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 235) }
```

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

```
.background{ background-color: rgb(241,  
222, 235) }
```

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