

Converting Colors

XYZ(76.3314, 76.7594, 89.3601)

Have a look what the booklet for
XYZ(76.3314, 76.7594, 89.3601)
contains.

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Color

**XYZ(76.3081, 76.7780,
89.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDFEB
RGB	237, 223, 235
RGB Percent	93%, 87%, 92%
CMY	0.0706, 0.1255, 0.0784
CMYK	0.00, 0.06, 0.01, 0.07
HSL	309°, 28%, 90%
HSV	309°, 6%, 93%
XYZ	76.3081, 76.7780, 89.3950
YIQ	228.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

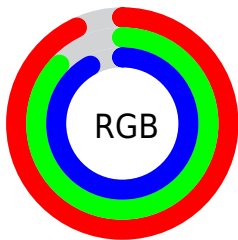
Format	Color
R _Y B	237, 223, 235
Decimal	15589355
CIE Lab	90.22, 6.87, -4.14
CIE LCh	90, 8.018, 328.921
Yxy	76.7780, 0.3147, 0.3166
Android (android.graphics.Color)	4293779435 (0xFFEDDFEB)
YUV	228.5540, 3.1779, 7.4071
Hunter-Lab	87.6231, 2.1096, 0.8472

Details

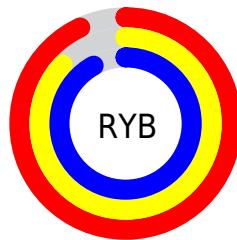
The XYZ color **76.3081, 76.7780, 89.3950** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3091, 81.6946, 83.0903**, and the grayscale version is **74.1256, 77.9859, 84.9266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1954, 41.0837, 48.4065** is the 20% darker color. If you saturate the color by 10%, you get **69.9301, 64.7966, 84.8786**, and if you desaturate by 10%, it is **83.5861, 90.5423, 94.2592**.

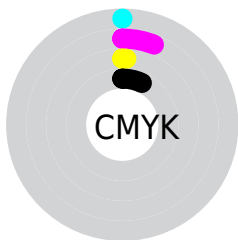
Distribution



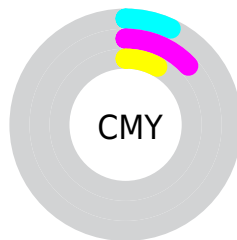
- Red (93%)
- Green (87%)
- Blue (92%)



- Red (93%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3081, 76.7780, 89.3950 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 76.3081, 76.7780, 89.3950 by changing the saturation by 10% instead.

76.3081, 76.7780,
89.3950

76.3081, 76.7780,
89.3950

471.3299,
484.0068, 546.5801

56.9831, 57.0707,
66.9081

127.1404,
128.8261, 148.4259

41.2318, 41.0620,
48.5488

159.3784,
161.9356, 185.8070

28.6887, 28.3675,
33.8986

196.6514,
200.2813, 228.9898

18.9886, 18.6029,
22.5390

239.3249,
244.2477, 278.3930

11.7660, 11.3837,
14.0514

287.7641,
294.2190, 334.4351

6.6556, 6.3255,
8.0173

342.3345,

3.2921, 3.0440,

350.5797, 397.5346

4.0181

403.4013,
413.7141, 468.1101

■ 1.3100, 1.1548,
1.6353

■ 0.1907, 0.0243,
0.3158

■ 76.3081, 76.7780,
89.3950

■ 76.3081, 76.7780,
89.3950

■ 69.9301, 64.7966,
84.8786

■ 83.5861, 90.5423,
94.2592

■ 64.4089, 54.5150,
80.6925

■ 86.6788, 95.9221,
97.7737

■ 59.7073, 45.8580,
76.8252

■ 87.1917, 96.1272,
100.4746

■ 55.7833, 38.7414,
73.2622

■ 87.7141, 96.3362,
103.2255

■ 52.5906, 33.0728,
69.9880

■ 88.2460, 96.5490,
106.0264

■ 50.0783, 28.7505,
66.9852

■ 88.7356, 96.7448,
108.6045

■ 48.1886, 25.6593,
64.2345

■ 46.8545, 23.6646,
61.7130

■ 45.9925, 22.6001,
59.3929

Harmonies

Analogous

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



74.8450, 76.7780, 93.5813



76.3081, 76.7780, 89.3950



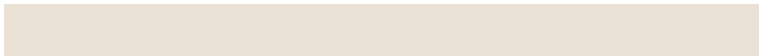
76.8757, 76.7780, 83.8050

Triad

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



76.3081, 76.7780, 89.3950



73.0474, 76.7780, 73.0941



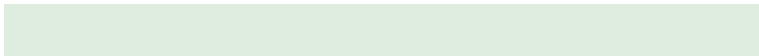
69.6708, 76.7780, 89.0212

Complementary

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



76.3081, 76.7780, 89.3950



74.3091, 81.6946, 83.0903

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.



69.2089, 76.7780, 83.3917



76.3081, 76.7780, 89.3950



71.1368, 76.7780, 74.3516

Square

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



76.3081, 76.7780, 89.3950



74.9721, 76.7780, 74.5429



69.7408, 76.7780, 78.0576



71.0140, 76.7780, 93.3587

Rectangle

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



76.3081, 76.7780, 89.3950



76.6622, 76.7780, 80.0882



69.7408, 76.7780, 78.0576



69.4084, 76.7780, 87.2093

Sweetspot

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



76.3103, 76.7813, 89.3967



93.3274, 96.7422, 107.7480



72.6868, 74.8797, 90.7441



19.9940, 20.7409, 23.0746



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.



76.3103, 76.7813, 89.3967



89.2096, 88.9721, 104.9406



75.3374, 76.3921, 84.2733



15.8802, 15.7701, 18.7175



24.9991, 12.2023, 32.1264



1.9884, 0.9683, 2.6563

Inverse Universe

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



76.3103, 76.7813, 89.3967



89.2096, 88.9721, 104.9406



75.2647, 82.0769, 88.1224



15.8802, 15.7701, 18.7175



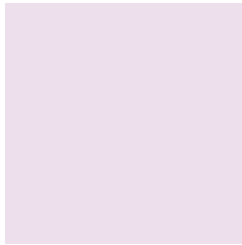
24.9991, 12.2023, 32.1264



1.9884, 0.9683, 2.6563

Previews

White Background



This preview shows how the XYZ color 76.3081, 76.7780, 89.3950 looks on a white background.

Color Contrast Check

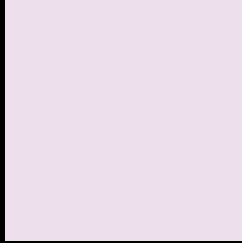
Large Text (above 18pt) WCAG AA × Fail

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 76.3081, 76.7780, 89.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

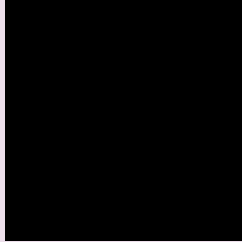
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

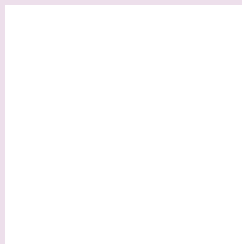
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3081, 76.7780, 89.3950

Background



This preview shows how black text looks on a background with the XYZ color 76.3081, 76.7780, 89.3950.



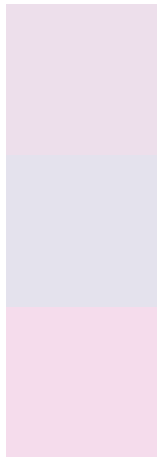
This preview shows how white text looks on a background with the XYZ color 76.3081, 76.7780,

89.3950.

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

76.3081, 76.7780, 89.3950

Protanopia

74.4773, 77.0011, 91.0581

Deuteranopia

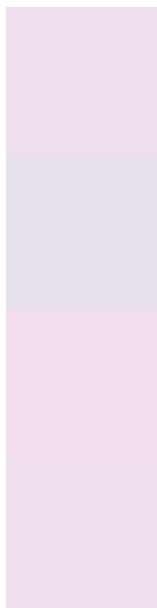
78.3897, 76.6550, 90.0212



Tritanopia

77.1093, 76.7110, 93.1807

Trichromacy



Original Color

76.3081, 76.7780, 89.3950

Protanomaly

75.0205, 76.8955, 90.2452

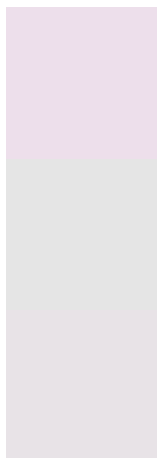
Deuteranomaly

77.6147, 76.6463, 90.0604

Tritanomaly

76.8138, 76.5927, 91.6243

Monochromacy



Original Color

76.3081, 76.7780, 89.3950

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1716, 77.8635, 86.6685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3081, 76.7780, 89.3950 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(237, 223, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 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(237, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.3081, 76.7780, 89.3950 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(237, 223, 235) }
```


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

```
.border{ border-color:rgb(237, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3081, 76.7780, 89.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 235) }
```

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

```
.background{ background-color: rgb(237,  
223, 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](#).

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