

Converting Colors

XYZ(76.1326, 77.4864, 90.7510)

Have a look what the booklet for
XYZ(76.1326, 77.4864, 90.7510)
contains.

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Color

**XYZ(76.1430, 77.4573,
91.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1ED
RGB	234, 225, 237
RGB Percent	92%, 88%, 93%
CMY	0.0823, 0.1176, 0.0706
CMYK	0.01, 0.05, 0.00, 0.07
HSL	285°, 25%, 91%
HSV	285°, 5%, 93%
XYZ	76.1430, 77.4573, 91.0583
YIQ	229.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

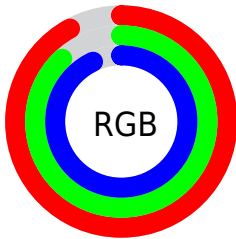
Format	Color
RYB	234, 225, 237
Decimal	15393261
CIELab	90.53, 5.18, -4.75
CIELCh	91, 7.035, 317.479
Yxy	77.4573, 0.3112, 0.3166
Android (android.graphics.Color)	4293583341 (0xFFEAE1ED)
YUV	229.0590, 3.9149, 4.3333
Hunter-Lab	88.0098, 0.4147, 0.2632

Details

The XYZ color **76.1430, 77.4573, 91.0583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8725, 82.5006, 83.1634**, and the grayscale version is **74.4929, 78.3723, 85.3474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0753, 41.5506, 49.5712** is the 20% darker color. If you saturate the color by 10%, you get **68.2630, 64.5366, 88.9808**, and if you desaturate by 10%, it is **84.9818, 92.1967, 93.4386**.

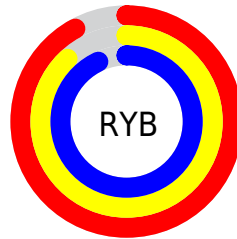
Distribution



Red (92%)

Green (88%)

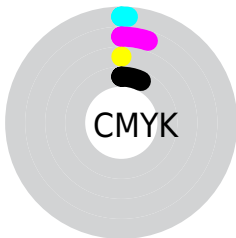
Blue (93%)



Red (92%)

Yellow (88%)

Blue (93%)

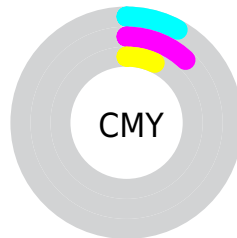


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1430, 77.4573, 91.0583 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 76.1430, 77.4573, 91.0583 by changing the saturation by 10% instead.


 76.1430, 77.4573,
91.0583

 76.1430, 77.4573,
91.0583


470.7739,
486.3218, 552.1262

 56.8472, 57.6283,
68.2801


126.9083,
129.7848, 150.7559

 41.1223, 41.5099,
49.6575


159.1086,
163.0521, 188.5123

 28.6027, 28.7177,
34.7721


196.3410,
201.5675, 232.0986

 18.9233, 18.8674,
23.2052


238.9711,
245.7156, 281.9332

 11.7185, 11.5745,
14.5384

287.3640,
295.8807, 338.4348

 6.6231, 6.4546,
8.3531

341.8852,

 3.2718, 3.1235,

352.4471, 402.0217

4.2307

402.9001,
415.7994, 473.1127

■ 1.2991, 1.1965,
1.7527

■ 0.1825, 0.0589,
0.3965

■ 76.1430, 77.4573,
91.0583

■ 76.1430, 77.4573,
91.0583

■ 68.2630, 64.5366,
88.9808

■ 84.9818, 92.1967,
93.4386

■ 61.2981, 53.3515,
87.1890

■ 89.0013, 97.2011,
94.1927

■ 55.2109, 43.8272,
85.6714

■ 91.1119, 98.2891,
94.2915

■ 49.9589, 35.8795,
84.4142

■ 92.2863, 98.8945,
94.3464

■ 45.4958, 29.4166,
83.4020

■ 41.7703, 24.3373,
82.6179

■ 38.7249, 20.5272,
82.0430

■ 36.2927, 17.8537,
81.6551

■ 34.3915, 16.1535,
81.4272

Harmonies

Analogous

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



74.6419, 77.4573, 93.9228



76.1430, 77.4573, 91.0583



76.9737, 77.4573, 86.4562

Triad

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



76.1430, 77.4573, 91.0583



74.3568, 77.4573, 75.2270



70.4403, 77.4573, 87.2821

Complementary

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



76.1430, 77.4573, 91.0583



75.8725, 82.5006, 83.1634

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.



70.3668, 77.4573, 82.2544



76.1430, 77.4573, 91.0583



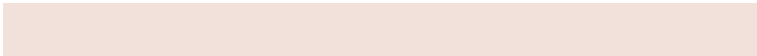
72.6092, 77.4573, 75.4282

Square

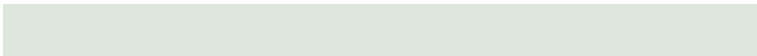
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1430, 77.4573, 91.0583



75.9315, 77.4573, 77.3952



71.1550, 77.4573, 77.9564



71.3576, 77.4573, 91.6837

Rectangle

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



76.1430, 77.4573, 91.0583



77.0270, 77.4573, 83.0827



71.1550, 77.4573, 77.9564



70.3166, 77.4573, 85.6056

Sweetspot

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



76.1452, 77.4606, 91.0600



92.9769, 96.5480, 108.3430



74.1390, 77.7223, 91.2162



19.9226, 20.7014, 23.1957



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.



76.1452, 77.4606, 91.0600



88.9683, 89.9053, 107.2721



76.7326, 77.8103, 88.9691



15.8094, 15.9093, 19.1598



18.4628, 8.5538, 44.4209



1.5366, 0.7164, 3.4922

Inverse Universe

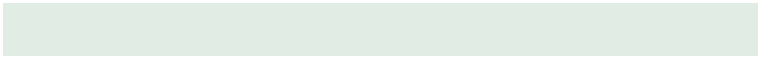
The Inverse Universe completely reimagines the original color for something new.



75.8565, 77.4599, 84.3557



88.5691, 89.9066, 97.8966



75.3141, 82.1682, 85.1472



15.7317, 15.9098, 17.3218



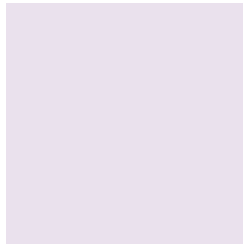
19.5467, 10.0214, 3.4144



1.5725, 0.8020, 0.4660

Previews

White Background



This preview shows how the XYZ color 76.1430, 77.4573, 91.0583 looks on a white background.

Color Contrast Check

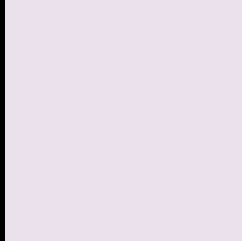
Large Text (above 18pt) WCAG AA × Fail

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 76.1430, 77.4573, 91.0583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

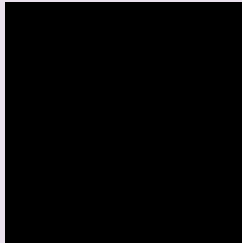
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

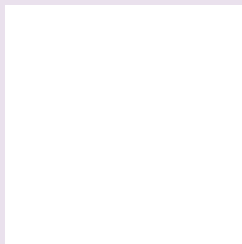
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1430, 77.4573, 91.0583

Background



This preview shows how black text looks on a background with the XYZ color 76.1430, 77.4573, 91.0583.



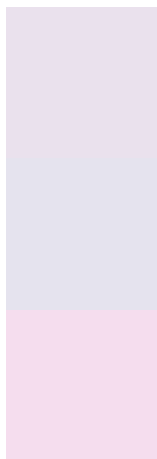
This preview shows how white text looks on a background with the XYZ color 76.1430, 77.4573,

91.0583.

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

76.1430, 77.4573, 91.0583

Protanopia

75.2148, 77.7692, 91.9356

Deuteranopia

78.9453, 77.2984, 91.6481



Tritanopia

76.9436, 77.3843, 94.8857

Trichromacy



Original Color

76.1430, 77.4573, 91.0583

Protanomaly

75.5840, 77.5547, 91.8748

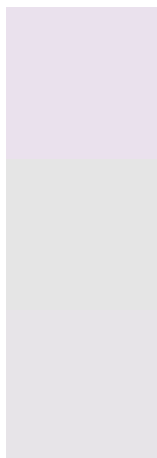
Deuteranomaly

77.8295, 77.1164, 91.6718

Tritanomaly

76.6448, 77.2647, 93.3120

Monochromacy



Original Color

76.1430, 77.4573, 91.0583

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2639, 78.3019, 87.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1430, 77.4573, 91.0583 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(234, 225, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 237)  
}
```

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(234, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 237) }
```

Border

The CSS property to change the border of an element to XYZ 76.1430, 77.4573, 91.0583 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(234, 225, 237) }
```


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

```
.border{ border-color:rgb(234, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1430, 77.4573, 91.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 237) }
```

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

```
.background{ background-color: rgb(234,  
225, 237) }
```

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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