

Converting Colors

XYZ(76.2532, 77.3034, 82.4974)

Have a look what the booklet for
XYZ(76.2532, 77.3034, 82.4974)
contains.

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Color

**XYZ(76.3183, 77.3276,
82.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0E2
RGB	240, 224, 226
RGB Percent	94%, 88%, 89%
CMY	0.0588, 0.1215, 0.1137
CMYK	0.00, 0.07, 0.06, 0.06
HSL	353°, 35%, 91%
HSV	353°, 7%, 94%
XYZ	76.3183, 77.3276, 82.8548
YIQ	229.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

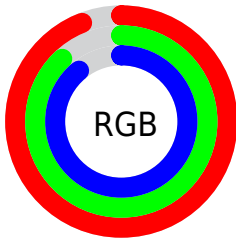
Format	Color
R _Y B	240, 224, 226
Decimal	15786210
CIE Lab	90.47, 5.80, 0.98
CIE LCh	90, 5.880, 9.598
Yxy	77.3276, 0.3227, 0.3270
Android (android.graphics.Color)	4293976290 (0xFFFF0E0E2)
YUV	229.0120, -1.4849, 9.6365
Hunter-Lab	87.9361, 1.0290, 5.6913

Details

The XYZ color **76.3183, 77.3276, 82.8548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.3361, 84.3425, 93.0968**, and the grayscale version is **74.4929, 78.3723, 85.3475**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3058, 41.5066, 44.3626** is the 20% darker color. If you saturate the color by 10%, you get **67.6101, 64.2442, 66.5920**, and if you desaturate by 10%, it is **86.2944, 92.3798, 101.2844**.

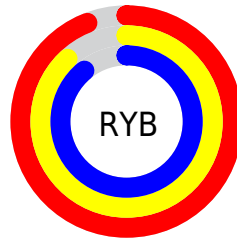
Distribution



Red (94%)

Green (88%)

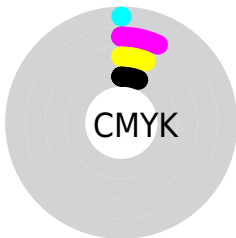
Blue (89%)



Red (94%)

Yellow (88%)

Blue (89%)

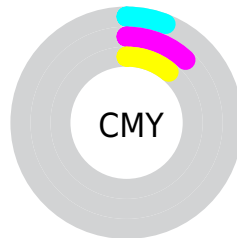


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (6%)



Cyan (6%)


Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3183, 77.3276, 82.8548 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 76.3183, 77.3276, 82.8548 by changing the saturation by 10% instead.


 76.3183, 77.3276,
82.8548

 76.3183, 77.3276,
82.8548


471.3643,
485.8803, 524.4608

 56.9915, 57.5218,
61.5305


127.1547,
129.6018, 139.2195

 41.2385, 41.4243,
44.2201


159.3950,
162.8390, 175.0969

 28.6940, 28.6508,
30.5051

196.6706,
201.3221, 216.6625

 18.9926, 18.8168,
19.9670

239.3467,
245.4356, 264.3347

 11.7689, 11.5380,
12.1872

287.7888,
295.5637, 318.5321

 6.6576, 6.4299,
6.7472

342.3622,

 3.2933, 3.1082,

352.0909, 379.6732

3.2285

403.4322,
415.4016, 448.1766

■ 1.3107, 1.1885,
1.2125

■ 0.1912, 0.0523,
0.0000

■ 76.3183, 77.3276,
82.8548

■ 76.3183, 77.3276,
82.8548

■ 67.6101, 64.2442,
66.5920

■ 86.2944, 92.3798,
101.2844

■ 60.1127, 53.0386,
52.4112

■ 89.7456, 97.2655,
108.6518

■ 53.7742, 43.6275,
40.2299

■ 48.5364, 35.9176,
29.9576

■ 44.3360, 29.8070,
21.4971

■ 41.1033, 25.1830,
14.7428

■ 38.7599, 21.9183,
9.5777

■ 37.2148, 19.8638,
5.8698

■ 36.3556, 18.8325,
3.4651

Harmonies

Analogous

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



76.1772, 77.3276, 87.0485



76.3183, 77.3276, 82.8548



75.6958, 77.3276, 79.1443

Triad

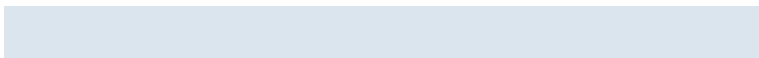
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3183, 77.3276, 82.8548



71.7116, 77.3276, 78.1153



72.5172, 77.3276, 92.0095

Complementary

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



76.3183, 77.3276, 82.8548



77.3361, 84.3425, 93.0968

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.



71.3423, 77.3276, 89.4595



76.3183, 77.3276, 82.8548



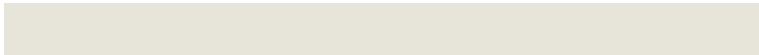
70.8815, 77.3276, 81.4077

Square

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



76.3183, 77.3276, 82.8548



73.0275, 77.3276, 76.4687



70.7472, 77.3276, 85.5528



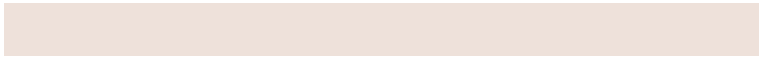
73.9696, 77.3276, 92.4284

Rectangle

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



76.3183, 77.3276, 82.8548



74.9364, 77.3276, 77.4096



70.7472, 77.3276, 85.5528



72.0772, 77.3276, 91.3692

Sweetspot

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



76.3205, 77.3310, 82.8565



92.7341, 96.5049, 104.6237



77.6013, 77.7602, 93.3582



19.8732, 20.6926, 22.4386



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

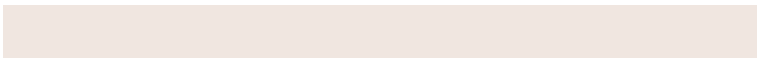
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3205, 77.3310, 82.8565



86.1412, 86.5708, 92.4018



77.6518, 80.4293, 81.9569



15.8530, 15.7909, 16.7823



19.8252, 10.2025, 1.7301



1.6748, 0.8590, 0.2785

Inverse Universe

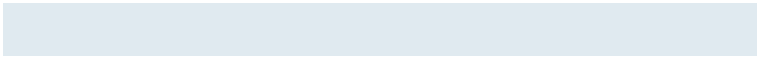
The Inverse Universe completely reimagines the original color for something new.



76.3205, 77.3310, 82.8565



86.1412, 86.5708, 92.4018



75.9322, 81.0628, 94.0836



15.8530, 15.7909, 16.7823



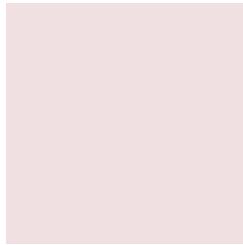
19.8252, 10.2025, 1.7301



1.6748, 0.8590, 0.2785

Previews

White Background



This preview shows how the XYZ color 76.3183, 77.3276, 82.8548 looks on a white background.

Color Contrast Check

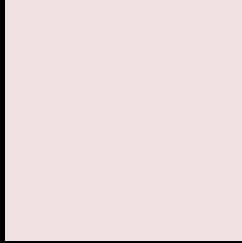
Large Text (above 18pt) WCAG AA × Fail

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 76.3183, 77.3276, 82.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

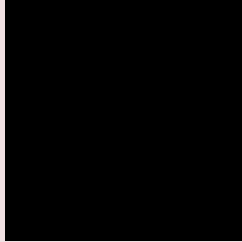
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

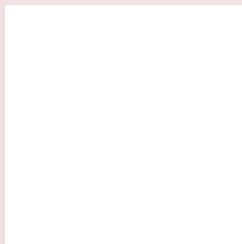
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3183, 77.3276, 82.8548

Background



This preview shows how black text looks on a background with the XYZ color 76.3183, 77.3276, 82.8548.



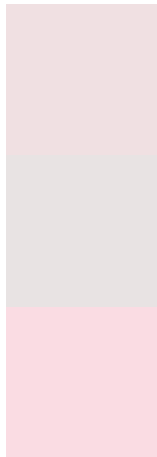
This preview shows how white text looks on a background with the XYZ color 76.3183, 77.3276,

82.8548.

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

76.3183, 77.3276, 82.8548

Protanopia

74.6129, 77.6400, 83.7265

Deuteranopia

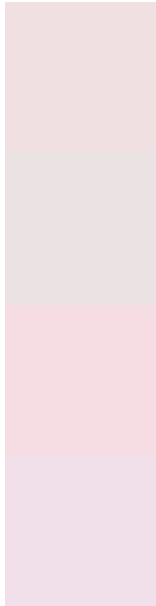
78.8827, 77.0564, 83.3889



Tritanopia

78.3192, 77.3518, 92.4639

Trichromacy



Original Color

76.3183, 77.3276, 82.8548

Protanomaly

75.3224, 77.6009, 83.6816

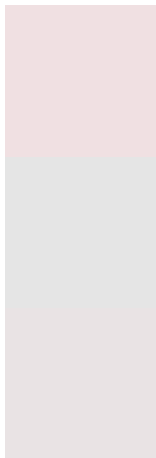
Deuteranomaly

77.7276, 76.8518, 83.4102

Tritanomaly

77.5146, 77.4166, 88.6993

Monochromacy



Original Color

76.3183, 77.3276, 82.8548

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0769, 77.8632, 84.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3183, 77.3276, 82.8548 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(240, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 226)  
}
```

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(240, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 76.3183, 77.3276, 82.8548 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(240, 224, 226) }
```


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

```
.border{ border-color:rgb(240, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3183, 77.3276, 82.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 226) }
```

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

```
.background{ background-color: rgb(240,  
224, 226) }
```

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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