

Converting Colors

XYZ(76.5443, 77.4404, 83.0814)

Have a look what the booklet for
XYZ(76.5443, 77.4404, 83.0814)
contains.

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Color

**XYZ(76.6587, 77.5031,
82.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E0E2
RGB	241, 224, 226
RGB Percent	95%, 88%, 89%
CMY	0.0549, 0.1215, 0.1137
CMYK	0.00, 0.07, 0.06, 0.05
HSL	353°, 38%, 91%
HSV	353°, 7%, 95%
XYZ	76.6587, 77.5031, 82.8707
YIQ	229.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

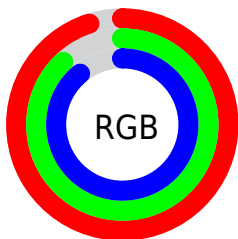
Format	Color
R_{YB}	241, 224, 226
Decimal	15851746
CIE _{Lab}	90.55, 6.14, 1.11
CIE _{LCh}	91, 6.240, 10.224
Yxy	77.5031, 0.3234, 0.3270
Android (android.graphics.Color)	4294041826 (0xFFFF1E0E2)
YUV	229.3110, -1.6323, 10.2513
Hunter-Lab	88.0358, 1.3692, 5.8137

Details

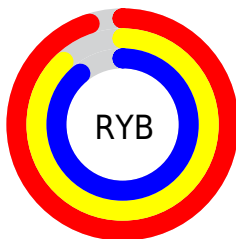
The XYZ color **76.6587, 77.5031, 82.8707** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7787, 84.9917, 93.9712**, and the grayscale version is **74.7137, 78.6047, 85.6005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5462, 41.6305, 44.3738** is the 20% darker color. If you saturate the color by 10%, you get **67.8955, 64.3607, 66.4321**, and if you desaturate by 10%, it is **86.7064, 92.6331, 101.5257**.

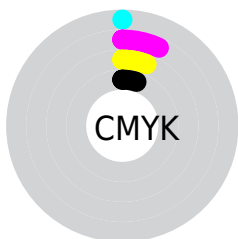
Distribution



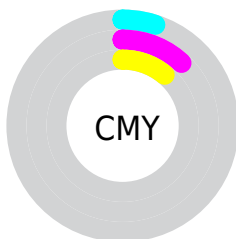
- Red (95%)
- Green (88%)
- Blue (89%)



- Red (95%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (5%)




- Cyan (5%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6587, 77.5031, 82.8707 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 76.6587, 77.5031, 82.8707 by changing the saturation by 10% instead.


 76.6587, 77.5031,
82.8707

 76.6587, 77.5031,
82.8707

472.5094,
486.4776, 524.5152

 57.2717, 57.6659,
61.5435


127.6330,
129.8494, 139.2420

 41.4644, 41.5401,
44.2305


159.9510,
163.1273, 175.1231

 28.8714, 28.7413,
30.5133

197.3102,
201.6542, 216.6927

 19.1274, 18.8852,
19.9731

240.0757,
245.8145, 264.3691

 11.8669, 11.5874,
12.1916

288.6131,
295.9926, 318.5711

 6.7247, 6.4634,
6.7502

343.2876,

 3.3353, 3.1288,

352.5729, 379.7171

3.2303

404.4645,
415.9398, 448.2256

■ 1.3335, 1.1994,
1.2134

■ 0.2081, 0.0612,
0.0000

■ 76.6587, 77.5031,
82.8707

■ 76.6587, 77.5031,
82.8707

■ 67.8955, 64.3607,
66.4321

■ 86.7064, 92.6331,
101.5257

■ 60.3586, 53.1136,
52.1225

■ 90.0860, 97.4410,
108.6677

■ 53.9951, 43.6774,
39.8562

■ 48.7456, 35.9573,
29.5397

■ 44.5456, 29.8499,
21.0721

■ 41.3239, 25.2406,
14.3436

■ 39.0002, 21.9998,
9.2324

■ 37.4812, 19.9756,
5.6011

■ 36.6501, 18.9740,
3.2875

Harmonies

Analogous

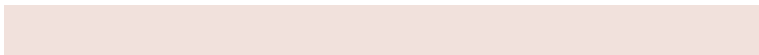
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5259, 77.5031, 87.3305



76.6587, 77.5031, 82.8707



75.9806, 77.5031, 78.9559

Triad

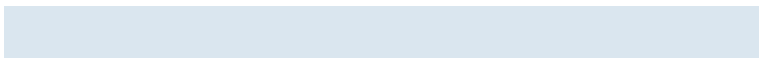
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6587, 77.5031, 82.8707



71.7425, 77.5031, 77.9914



72.6532, 77.5031, 92.7404

Complementary

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



76.6587, 77.5031, 82.8707



77.7787, 84.9917, 93.9712

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.



71.3957, 77.5031, 90.0630



76.6587, 77.5031, 82.8707



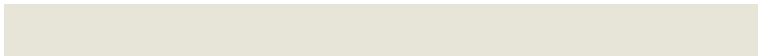
70.8751, 77.5031, 81.5118

Square

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



76.6587, 77.5031, 82.8707



73.1328, 77.5031, 76.2055



70.7490, 77.5031, 85.9231



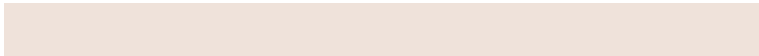
74.1986, 77.5031, 93.1356

Rectangle

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



76.6587, 77.5031, 82.8707



75.1654, 77.5031, 77.1424



70.7490, 77.5031, 85.9231



72.1834, 77.5031, 92.0731

Sweetspot

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



76.6609, 77.5065, 82.8724



92.7282, 96.5025, 104.5927



78.0418, 77.9700, 94.1564



19.8720, 20.6921, 22.4323



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.



76.6609, 77.5065, 82.8724



86.1193, 86.5620, 92.2864



78.0943, 80.8090, 82.0069



15.8483, 15.7890, 16.7573



19.8121, 10.1973, 1.6610



1.6726, 0.8581, 0.2666

Inverse Universe

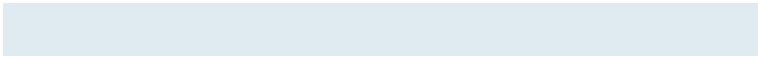
The Inverse Universe completely reimagines the original color for something new.



76.6609, 77.5065, 82.8724



86.1193, 86.5620, 92.2864



76.2620, 81.4839, 94.9284



15.8483, 15.7890, 16.7573



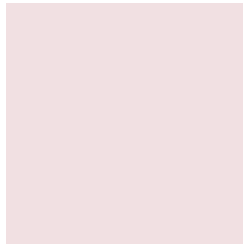
19.8121, 10.1973, 1.6610



1.6726, 0.8581, 0.2666

Previews

White Background



This preview shows how the XYZ color 76.6587, 77.5031, 82.8707 looks on a white background.

Color Contrast Check

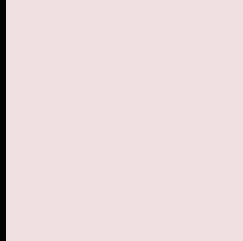
Large Text (above 18pt) WCAG AA × Fail

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 76.6587, 77.5031, 82.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

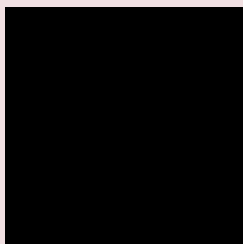
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

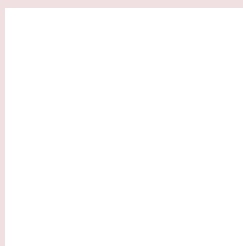
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6587, 77.5031, 82.8707

Background



This preview shows how black text looks on a background with the XYZ color 76.6587, 77.5031, 82.8707.

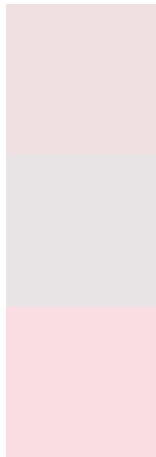


This preview shows how white text looks on a background with the XYZ color 76.6587, 77.5031,

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

76.6587, 77.5031, 82.8707

Protanopia

74.7514, 77.6954, 84.4557

Deuteranopia

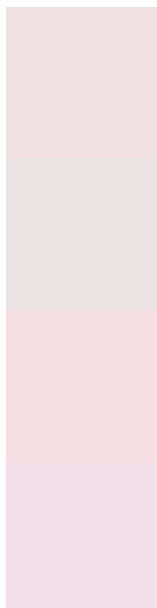
79.1459, 77.5829, 83.4766



Tritanopia

78.6634, 77.5292, 92.4800

Trichromacy



Original Color

76.6587, 77.5031, 82.8707

Protanomaly

75.3224, 77.6009, 83.6816

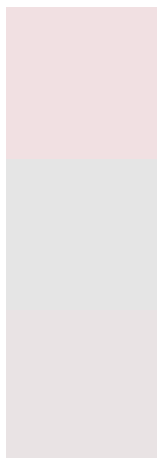
Deuteranomaly

78.3442, 77.5628, 83.5150

Tritanomaly

77.8569, 77.5931, 88.7154

Monochromacy



Original Color

76.6587, 77.5031, 82.8707

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 76.6587, 77.5031, 82.8707 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, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 76.6587, 77.5031, 82.8707 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, 224, 226) }
```


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

```
.border{ border-color:rgb(241, 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(241, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6587, 77.5031, 82.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 226) }
```

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

```
.background{ background-color: rgb(241,  
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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