

Converting Colors

XYZ(81.8386, 81.2134, 90.4301)

Have a look what the booklet for
XYZ(81.8386, 81.2134, 90.4301)
contains.

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Color

**XYZ(82.0337, 81.3183,
90.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3EC
RGB	250, 227, 236
RGB Percent	98%, 89%, 93%
CMY	0.0196, 0.1098, 0.0745
CMYK	0.00, 0.09, 0.06, 0.02
HSL	337°, 70%, 94%
HSV	337°, 9%, 98%
XYZ	82.0337, 81.3183, 90.7292
YIQ	234.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

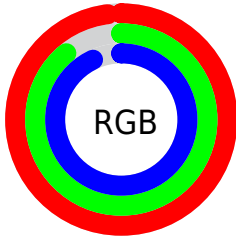
Format	Color
R _Y B	250, 227, 236
Decimal	16442348
CIE Lab	92.27, 9.36, -1.52
CIE LCh	92, 9.481, 350.745
Yxy	81.3183, 0.3229, 0.3200
Android (android.graphics.Color)	4294632428 (0xFFFAE3EC)
YUV	234.9030, 0.5408, 13.2401
Hunter-Lab	90.1767, 4.5723, 3.4704

Details

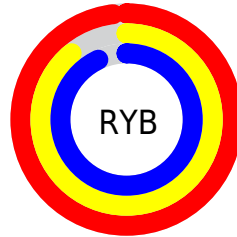
The XYZ color **82.0337, 81.3183, 90.7292** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7444, 91.0550, 96.4905**, and the grayscale version is **78.8841, 82.9922, 90.3785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9831, 44.1378, 49.3286** is the 20% darker color. If you saturate the color by 10%, you get **73.5687, 67.7768, 77.4586**, and if you desaturate by 10%, it is **91.6846, 96.9279, 105.3268**.

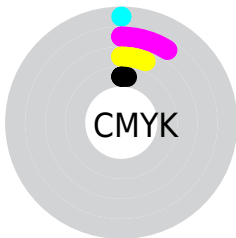
Distribution



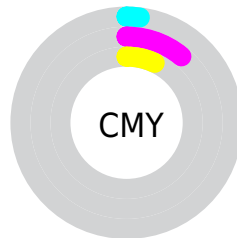
- Red (98%)
- Green (89%)
- Blue (93%)



- Red (98%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0337, 81.3183, 90.7292 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 82.0337, 81.3183, 90.7292 by changing the saturation by 10% instead.


 82.0337, 81.3183,
90.7292

 82.0337, 81.3183,
90.7292


490.3932,
499.3646, 551.0313

 61.7075, 60.8038,
68.0085


135.1568,
135.2176, 150.2952

 45.0511, 44.0668,
49.4379


168.6845,
169.3712, 187.9776

 31.6991, 30.7231,
34.5989


207.3434,
208.8399, 231.4843

 21.2862, 20.3881,
23.0730

251.4988,
254.0082, 281.2339

 13.4470, 12.6774,
14.4416

301.5161,
305.2604, 337.6448

 7.8162, 7.2068,
8.2862

357.7607,

 4.0284, 3.5918,

362.9809, 401.1356

4.1882

420.5980,
427.5542, 472.1249

■ 1.7182, 1.4479,
1.7292

■ 0.4676, 0.2517,
0.3806

■ 82.0337, 81.3183,
90.7292

■ 82.0337, 81.3183,
90.7292

■ 73.5687, 67.7768,
77.4586

■ 91.6846, 96.9279,
105.3268

■ 66.2353, 56.2057,
65.4711

■ 93.2348, 99.0642,
108.8150

■ 59.9855, 46.5151,
54.7274

■ 54.7645, 38.6043,
45.1844

■ 50.5131, 32.3626,
36.7962

■ 47.1652, 27.6672,
29.5132

■ 44.6461, 24.3779,
23.2817

■ 42.8677, 22.3287,
18.0416

■ 41.6996, 21.2689,
13.7167

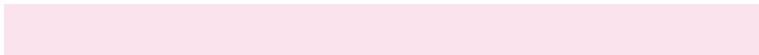
Harmonies

Analogous

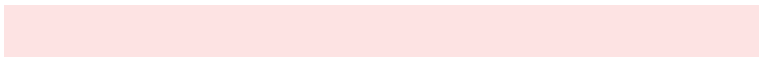
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9959, 81.3183, 97.3556



82.0337, 81.3183, 90.7292



81.7800, 81.3183, 83.8487

Triad

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



82.0337, 81.3183, 90.7292



75.6340, 81.3183, 76.5155



74.3481, 81.3183, 99.4044

Complementary

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



82.0337, 81.3183, 90.7292



81.7444, 91.0550, 96.4905

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.



72.9686, 81.3183, 93.4069



82.0337, 81.3183, 90.7292



73.7001, 81.3183, 80.2767

Square

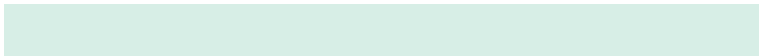
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



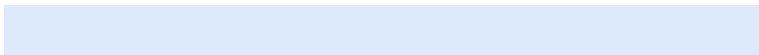
82.0337, 81.3183, 90.7292



78.0507, 81.3183, 75.8830



72.7340, 81.3183, 86.3899



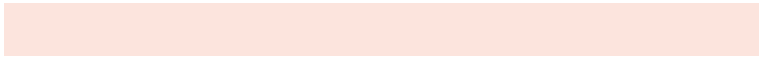
76.5355, 81.3183, 102.5355

Rectangle

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



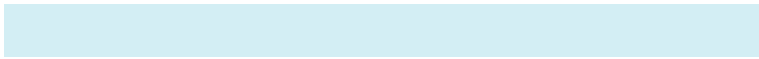
82.0337, 81.3183, 90.7292



80.9146, 81.3183, 80.0251



72.7340, 81.3183, 86.3899



73.7764, 81.3183, 97.6423

Sweetspot

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



82.0360, 81.3219, 90.7309



91.9170, 94.9194, 104.2012



80.9347, 80.5098, 101.7177



19.4989, 20.0333, 22.0391



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

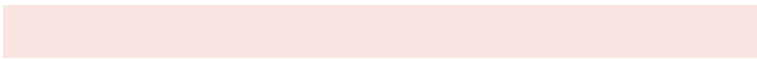
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0360, 81.3219, 90.7309



84.1167, 82.3393, 92.2892



81.3946, 82.0784, 84.2301



17.5257, 17.3377, 19.3583



22.1418, 11.2725, 7.4552



2.1011, 1.0642, 0.9556

Inverse Universe

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



82.0360, 81.3219, 90.7309



84.1167, 82.3393, 92.2892



82.4117, 90.1855, 103.5074



17.5257, 17.3377, 19.3583



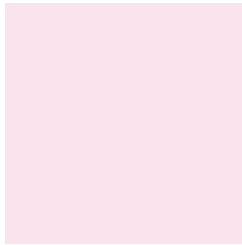
22.1418, 11.2725, 7.4552



2.1011, 1.0642, 0.9556

Previews

White Background



This preview shows how the XYZ color 82.0337, 81.3183, 90.7292 looks on a white background.

Color Contrast Check

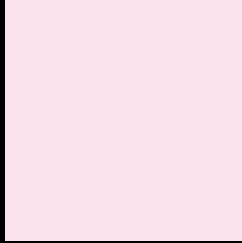
Large Text (above 18pt) WCAG AA × Fail

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 82.0337, 81.3183, 90.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

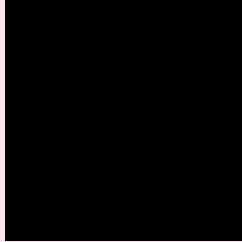
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0337, 81.3183, 90.7292

Background



This preview shows how black text looks on a background with the XYZ color 82.0337, 81.3183, 90.7292.



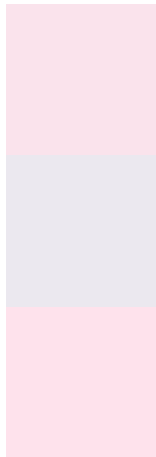
This preview shows how white text looks on a background with the XYZ color 82.0337, 81.3183,

90.7292.

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

82.0337, 81.3183, 90.7292

Protanopia

78.6976, 81.6074, 93.2653

Deuteranopia

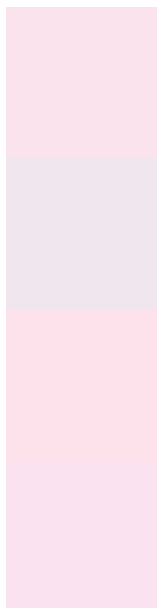
83.2097, 81.5197, 90.7061



Tritanopia

83.3092, 81.4336, 96.9153

Trichromacy



Original Color

82.0337, 81.3183, 90.7292

Protanomaly

79.6646, 81.2919, 92.3811

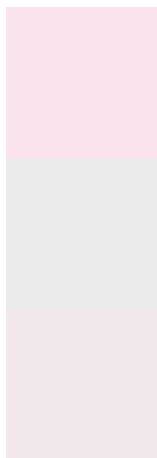
Deuteranomaly

82.8447, 81.3315, 90.6890

Tritanomaly

82.8572, 81.2528, 94.5354

Monochromacy



Original Color

82.0337, 81.3183, 90.7292

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7872, 82.2366, 90.2653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0337, 81.3183, 90.7292 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(250, 227, 236) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 236)  
}
```

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(250, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 236) }
```

Border

The CSS property to change the border of an element to XYZ 82.0337, 81.3183, 90.7292 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(250, 227, 236) }
```


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

```
.border{ border-color:rgb(250, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0337, 81.3183, 90.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 236) }
```

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

```
.background{ background-color: rgb(250,  
227, 236) }
```

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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