

Converting Colors

XYZ(82.1335, 81.3322, 91.9214)

Have a look what the booklet for XYZ(82.1335, 81.3322, 91.9214) contains.

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Color

**XYZ(82.3260, 81.4352,
92.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3EE
RGB	250, 227, 238
RGB Percent	98%, 89%, 93%
CMY	0.0196, 0.1098, 0.0667
CMYK	0.00, 0.09, 0.05, 0.02
HSL	331°, 70%, 94%
HSV	331°, 9%, 98%
XYZ	82.3260, 81.4352, 92.2684
YIQ	235.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

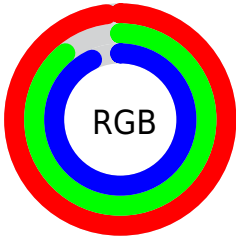
Format	Color
R_{YB}	250, 227, 238
Decimal	16442350
CIE Lab	92.33, 9.70, -2.49
CIE LCh	92, 10.014, 345.581
Yxy	81.4352, 0.3215, 0.3181
Android (android.graphics.Color)	4294632430 (0xFFFAE3EE)
YUV	235.1310, 1.4144, 13.0401
Hunter-Lab	90.2415, 4.9205, 2.5473

Details

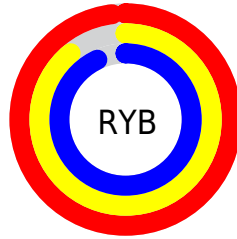
The XYZ color **82.3260, 81.4352, 92.2684** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4472, 90.9362, 94.9254**, and the grayscale version is **79.0515, 83.1683, 90.5703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1883, 44.2199, 50.4096** is the 20% darker color. If you saturate the color by 10%, you get **74.1312, 68.0018, 80.4209**, and if you desaturate by 10%, it is **91.6571, 96.9168, 105.1819**.

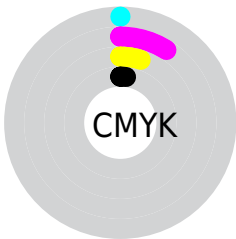
Distribution



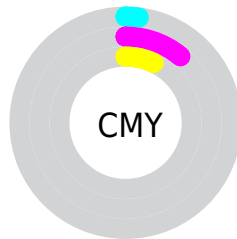
- Red (98%)
- Green (89%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3260, 81.4352, 92.2684 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 82.3260, 81.4352, 92.2684 by changing the saturation by 10% instead.


 82.3260, 81.4352,
92.2684

 82.3260, 81.4352,
92.2684


491.3555,
499.7565, 556.1419

 61.9493, 60.9001,
69.2793

135.5645,
135.3817, 152.4483

 45.2472, 44.1445,
50.4660


169.1570,
169.5618, 190.4761

 31.8543, 30.7842,
35.4101

207.8856,
209.0591, 234.3539

 21.4052, 20.4345,
23.6928

252.1154,
254.2580, 284.5003

 13.5347, 12.7113,
14.8958

302.2120,
305.5427, 341.3337

 7.8773, 7.2301,
8.6005

358.5406,

 4.0677, 3.6064,

363.2978, 405.2728

4.3883

421.4667,
427.9076, 476.7360

■ 1.7405, 1.4559,
1.8407

■ 0.4814, 0.2574,
0.4546

■ 82.3260, 81.4352,
92.2684

■ 82.3260, 81.4352,
92.2684

■ 74.1312, 68.0018,
80.4209

■ 91.6571, 96.9168,
105.1819

■ 67.0203, 56.5196,
69.6047

■ 93.2348, 99.0642,
108.8150

■ 60.9469, 46.8997,
59.7902

■ 55.8584, 39.0418,
50.9447

■ 51.6974, 32.8363,
43.0328

■ 48.4002, 28.1612,
36.0168

■ 45.8944, 24.8772,
29.8552

■ 44.0944, 22.8194,
24.5012

■ 42.8725, 21.7381,
19.8933

Harmonies

Analogous

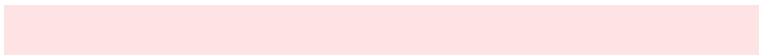
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0136, 81.4352, 99.0312



82.3260, 81.4352, 92.2684



82.2988, 81.4352, 84.8929

Triad

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



82.3260, 81.4352, 92.2684



76.0717, 81.4352, 75.6275



73.9681, 81.4352, 99.2515

Complementary

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



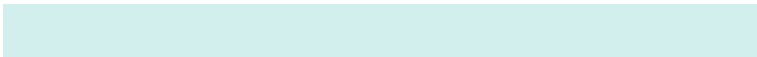
82.3260, 81.4352, 92.2684



81.4472, 90.9362, 94.9254

Split Complementary

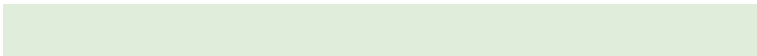
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7029, 81.4352, 92.5556



82.3260, 81.4352, 92.2684



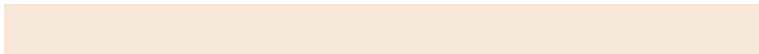
73.8988, 81.4352, 79.0563

Square

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



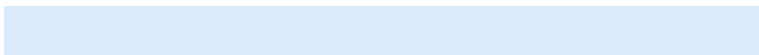
82.3260, 81.4352, 92.2684



78.6485, 81.4352, 75.5602



72.6778, 81.4352, 85.1646



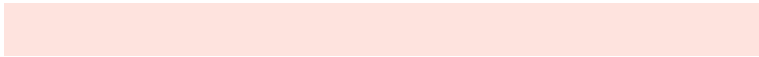
76.1682, 81.4352, 103.2127

Rectangle

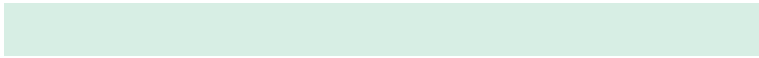
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



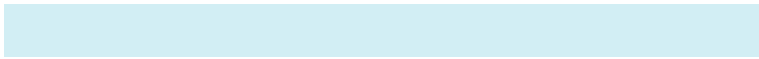
82.3260, 81.4352, 92.2684



81.5232, 81.4352, 80.6263



72.6778, 81.4352, 85.1646



73.4215, 81.4352, 97.2298

Sweetspot

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



82.3283, 81.4388, 92.2702



92.0217, 94.9613, 104.7527



80.2846, 80.1746, 101.6873



19.5272, 20.0446, 22.1878



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

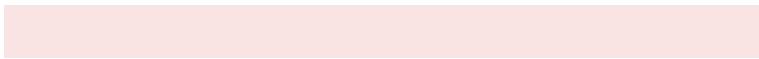
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3283, 81.4388, 92.2702



84.4775, 82.4837, 94.1892



80.8664, 81.0219, 84.0540



17.5903, 17.3635, 19.6981



22.7672, 11.5226, 10.7484



2.1619, 1.0885, 1.2757

Inverse Universe

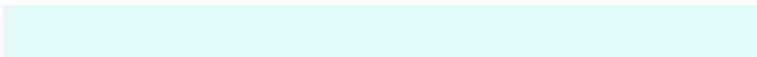
The Inverse Universe completely reimagines the original color for something new.



82.3283, 81.4388, 92.2702



84.4775, 82.4837, 94.1892



83.0029, 91.3681, 103.7046



17.5903, 17.3635, 19.6981



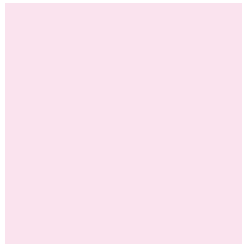
22.7672, 11.5226, 10.7484



2.1619, 1.0885, 1.2757

Previews

White Background



This preview shows how the XYZ color 82.3260, 81.4352, 92.2684 looks on a white background.

Color Contrast Check

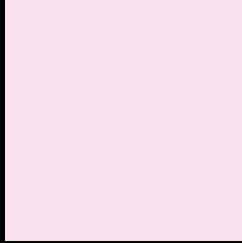
Large Text (above 18pt) WCAG AA × Fail

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 82.3260, 81.4352, 92.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

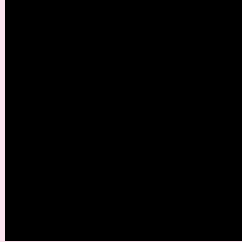
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3260, 81.4352, 92.2684

Background



This preview shows how black text looks on a background with the XYZ color 82.3260, 81.4352, 92.2684.



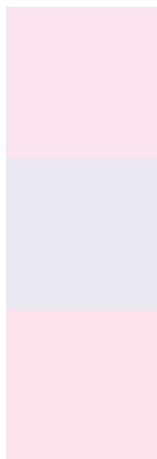
This preview shows how white text looks on a background with the XYZ color 82.3260, 81.4352,

92.2684.

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

82.3260, 81.4352, 92.2684

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

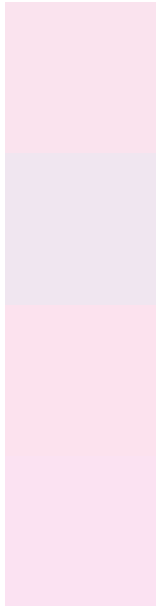
83.1370, 81.4484, 92.2282



Tritanopia

83.3092, 81.4336, 96.9153

Trichromacy



Original Color

82.3260, 81.4352, 92.2684

Protanomaly

79.9602, 81.4102, 93.9375

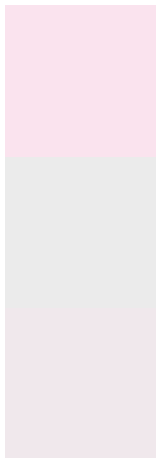
Deuteranomaly

82.7739, 81.2612, 92.2112

Tritanomaly

83.0070, 81.3127, 95.3244

Monochromacy



Original Color

82.3260, 81.4352, 92.2684

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.9321, 82.2946, 91.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3260, 81.4352, 92.2684 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.3260, 81.4352, 92.2684 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, 238) }
```


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

```
.border{ border-color:rgb(250, 227, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3260, 81.4352, 92.2684 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, 238) }
```

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

```
.background{ background-color: rgb(250,  
227, 238) }
```

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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