

Converting Colors

XYZ(81.8189, 80.9700, 93.2879)

Have a look what the booklet for
XYZ(81.8189, 80.9700, 93.2879)
contains.

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Color

**XYZ(81.7605, 81.1266,
93.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E3EF
RGB	248, 227, 239
RGB Percent	97%, 89%, 94%
CMY	0.0274, 0.1098, 0.0627
CMYK	0.00, 0.08, 0.04, 0.03
HSL	326°, 60%, 93%
HSV	326°, 8%, 97%
XYZ	81.7605, 81.1266, 93.0111
YIQ	234.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

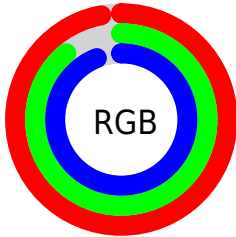
Format	Color
R _Y B	248, 227, 239
Decimal	16311279
CIE Lab	92.19, 9.20, -3.24
CIE LCh	92, 9.749, 340.611
Yxy	81.1266, 0.3195, 0.3170
Android (android.graphics.Color)	4294501359 (0xFFFF8E3EF)
YUV	234.6470, 2.1460, 11.7106
Hunter-Lab	90.0703, 4.4087, 1.8234

Details

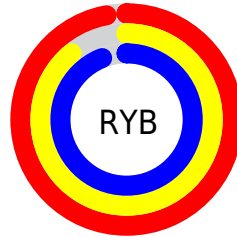
The XYZ color **81.7605, 81.1266, 93.0111** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3894, 89.5241, 92.4042**, and the grayscale version is **78.6788, 82.7763, 90.1434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0380, 44.1304, 50.9440** is the 20% darker color. If you saturate the color by 10%, you get **73.9359, 67.9164, 82.8812**, and if you desaturate by 10%, it is **90.6591, 96.3348, 103.9567**.

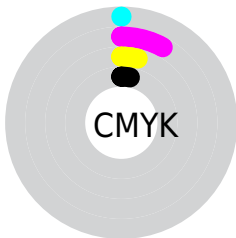
Distribution



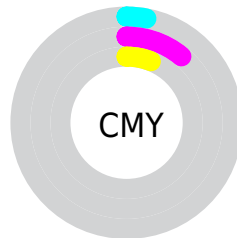
- Red (97%)
- Green (89%)
- Blue (94%)



- Red (97%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7605, 81.1266, 93.0111 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 81.7605, 81.1266, 93.0111 by changing the saturation by 10% instead.


 81.7605, 81.1266,
93.0111

 81.7605, 81.1266,
93.0111


489.4929,
498.7215, 558.5988

 61.4816, 60.6459,
69.8930


134.7757,
134.9485, 153.4858

 44.8679, 43.9394,
50.9631

168.2426,
169.0585, 191.6795

 31.5543, 30.6229,
35.8027


206.8363,
208.4803, 235.7355

 21.1752, 20.3119,
23.9934

250.9220,
253.5985, 286.0724

 13.3653, 12.6219,
15.1165

300.8652,
304.7972, 343.1086

 7.7593, 7.1687,
8.7537

357.0312,

 3.9918, 3.5679,

362.4611, 407.2627

4.4863

419.7853,
426.9744, 478.9532

■ 1.6975, 1.4349,
1.8957

■ 0.4547, 0.2422,
0.4900

■ 81.7605, 81.1266,
93.0111

■ 81.7605, 81.1266,
93.0111

■ 73.9359, 67.9164,
82.8812

■ 90.6591, 96.3348,
103.9567

■ 67.1352, 56.6098,
73.5397

■ 92.5220, 98.6967,
108.7817

■ 61.3145, 47.1205,
64.9650

■ 56.4241, 39.3516,
57.1322

■ 52.4094, 33.1969,
50.0148

■ 49.2101, 28.5383,
43.5839

■ 46.7575, 25.2416,
37.8077

■ 44.9707, 23.1478,
32.6500

■ 43.7358, 22.0323,
28.0631

Harmonies

Analogous

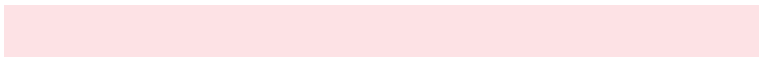
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2991, 81.1266, 99.2695



81.7605, 81.1266, 93.0111



81.9599, 81.1266, 85.8074

Triad

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



81.7605, 81.1266, 93.0111



76.2214, 81.1266, 75.4077



73.4952, 81.1266, 97.6581

Complementary

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



81.7605, 81.1266, 93.0111



80.3894, 89.5241, 92.4042

Split Complementary

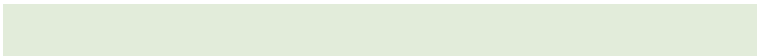
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4523, 81.1266, 90.9079



81.7605, 81.1266, 93.0111



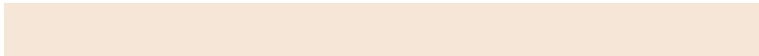
74.0033, 81.1266, 78.2309

Square

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



81.7605, 81.1266, 93.0111



78.7250, 81.1266, 75.9026



72.6362, 81.1266, 83.8146



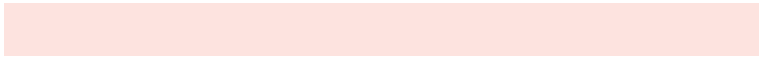
75.5141, 81.1266, 102.0517

Rectangle

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



81.7605, 81.1266, 93.0111



81.3457, 81.1266, 81.4669



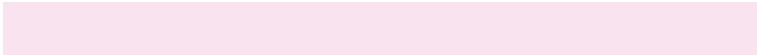
72.6362, 81.1266, 83.8146



73.0209, 81.1266, 95.5746

Sweetspot

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



81.7628, 81.1301, 93.0128



92.1344, 95.0064, 105.3457



78.9246, 79.5095, 99.9953



19.5576, 20.0567, 22.3479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

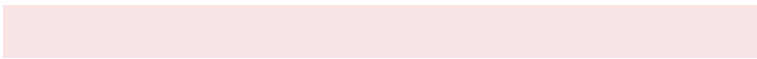
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7628, 81.1301, 93.0128



85.7375, 84.1116, 97.3594



80.2913, 80.5415, 85.2640



17.6602, 17.3914, 20.0664



23.6087, 11.8592, 15.1797



2.2397, 1.1196, 1.6855

Inverse Universe

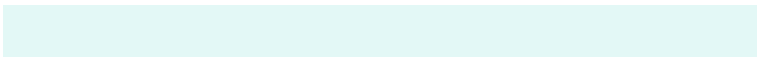
The Inverse Universe completely reimagines the original color for something new.



81.7628, 81.1301, 93.0128



85.7375, 84.1116, 97.3594



81.9215, 90.1369, 100.4721



17.6602, 17.3914, 20.0664



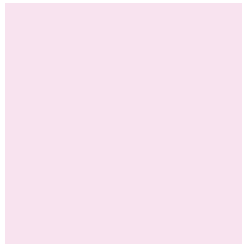
23.6087, 11.8592, 15.1797



2.2397, 1.1196, 1.6855

Previews

White Background



This preview shows how the XYZ color 81.7605, 81.1266, 93.0111 looks on a white background.

Color Contrast Check

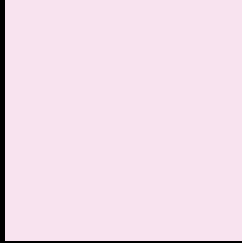
Large Text (above 18pt) WCAG AA × Fail

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 81.7605, 81.1266, 93.0111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

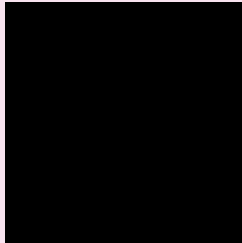
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7605, 81.1266, 93.0111

Background



This preview shows how black text looks on a background with the XYZ color 81.7605, 81.1266, 93.0111.



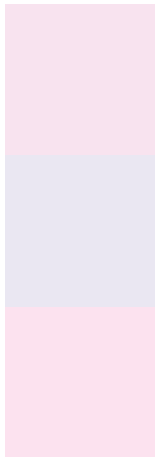
This preview shows how white text looks on a background with the XYZ color 81.7605, 81.1266,

93.0111.

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

81.7605, 81.1266, 93.0111

Protanopia

78.5346, 81.0551, 95.5104

Deuteranopia

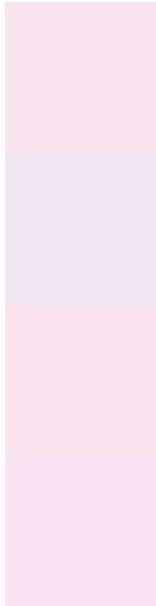
82.9212, 81.3202, 92.9873



Tritanopia

82.5924, 81.0641, 96.8818

Trichromacy



Original Color

81.7605, 81.1266, 93.0111

Protanomaly

79.7706, 81.2952, 94.7063

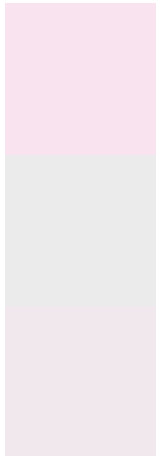
Deuteranomaly

82.5600, 81.1339, 92.9704

Tritanomaly

82.2903, 80.9433, 95.2908

Monochromacy



Original Color

81.7605, 81.1266, 93.0111

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 81.7605, 81.1266, 93.0111 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(248, 227, 239) looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 239)  
}
```

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(248, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.7605, 81.1266, 93.0111 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(248, 227, 239) }
```


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

```
.border{ border-color:rgb(248, 227, 239) }
```

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

Here you see how a box with a 4 pixel rgb(248, 227, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(248, 227,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7605, 81.1266, 93.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 239) }
```

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

```
.background{ background-color: rgb(248,  
227, 239) }
```

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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