

Converting Colors

XYZ(81.7788, 81.2101, 89.7477)

Have a look what the booklet for
XYZ(81.7788, 81.2101, 89.7477)
contains.

XYZ(81.8888, 81.2603, 89.9661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.8888, 81.2603,
89.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3EB
RGB	250, 227, 235
RGB Percent	98%, 89%, 92%
CMY	0.0196, 0.1098, 0.0784
CMYK	0.00, 0.09, 0.06, 0.02
HSL	339°, 70%, 94%
HSV	339°, 9%, 98%
XYZ	81.8888, 81.2603, 89.9661
YIQ	234.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

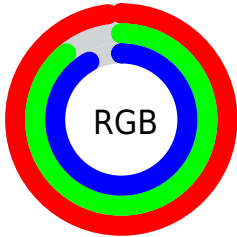
Format	Color
R _Y B	250, 227, 235
Decimal	16442347
CIE Lab	92.25, 9.19, -1.04
CIE LCh	92, 9.247, 353.542
Yxy	81.2603, 0.3235, 0.3210
Android (android.graphics.Color)	4294632427 (0xFFFAE3EB)
YUV	234.7890, 0.1040, 13.3400
Hunter-Lab	90.1445, 4.3996, 3.9285

Details

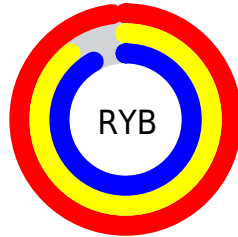
The XYZ color **81.8888, 81.2603, 89.9661** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.8942, 91.1150, 97.2794**, and the grayscale version is **78.8004, 82.9042, 90.2826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8815, 44.0972, 48.7939** is the 20% darker color. If you saturate the color by 10%, you get **73.2926, 67.6664, 76.0050**, and if you desaturate by 10%, it is **91.6984, 96.9333, 105.3993**.

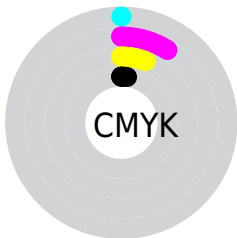
Distribution



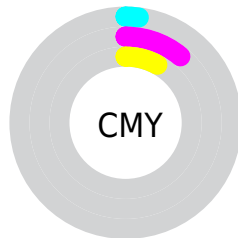
- Red (98%)
- Green (89%)
- Blue (92%)



- Red (98%)
- Yellow (89%)
- Blue (92%)



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





- Cyan (2%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8888, 81.2603, 89.9661 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 81.8888, 81.2603, 89.9661 by changing the saturation by 10% instead.


 81.8888, 81.2603,
89.9661

 81.8888, 81.2603,
89.9661


489.9158,
499.1700, 548.4878

 61.5877, 60.7560,
67.3790


134.9547,
135.1362, 149.2264

 44.9540, 44.0283,
48.9291

168.4502,
169.2766, 186.7367

 31.6223, 30.6927,
34.1981


207.0745,
208.7311, 230.0584

 21.2273, 20.3650,
22.7672

251.1929,
253.8843, 279.6101

 13.4037, 12.6606,
14.2180

301.1710,
305.1203, 335.8104

 7.7860, 7.1953,
8.1320

357.3739,

 4.0090, 3.5845,

362.8237, 399.0777

4.0905

420.1670,
427.3788, 469.8307

■ 1.7072, 1.4440,
1.6751

■ 0.4608, 0.2488,
0.3436

■ 81.8888, 81.2603,
89.9661

■ 81.8888, 81.2603,
89.9661

■ 73.2926, 67.6664,
76.0050

■ 91.6984, 96.9333,
105.3993

■ 65.8546, 56.0533,
63.4661

■ 93.2348, 99.0642,
108.8150

■ 59.5253, 46.3310,
52.3042

■ 54.2490, 38.3980,
42.4697

■ 49.9649, 32.1433,
33.9096

■ 46.6057, 27.4434,
26.5670

■ 44.0950, 24.1575,
20.3799

■ 42.3432, 22.1189,
15.2794

■ 41.2178, 21.0762,
11.1795

Harmonies

Analogous

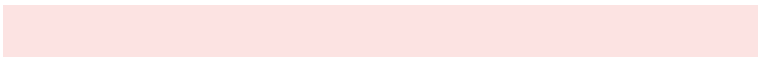
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9880, 81.2603, 96.5259



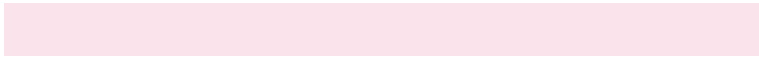
81.8888, 81.2603, 89.9661



81.5222, 81.2603, 83.3291

Triad

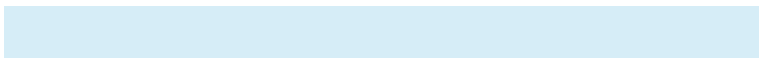
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8888, 81.2603, 89.9661



75.4158, 81.2603, 76.9614



74.5388, 81.2603, 99.4832

Complementary

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



81.8888, 81.2603, 89.9661



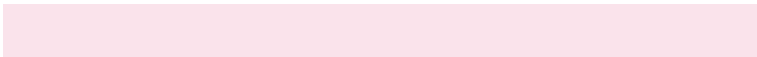
81.8942, 91.1150, 97.2794

Split Complementary

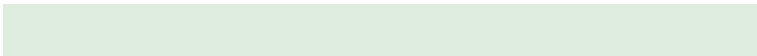
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1017, 81.2603, 93.8361



81.8888, 81.2603, 89.9661



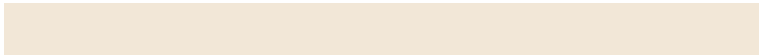
73.6007, 81.2603, 80.8916

Square

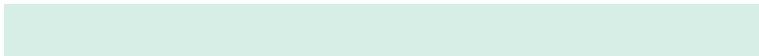
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8888, 81.2603, 89.9661



77.7531, 81.2603, 76.0437



72.7619, 81.2603, 87.0077



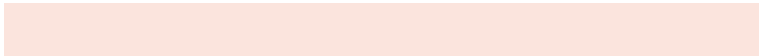
76.7201, 81.2603, 102.2003

Rectangle

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



81.8888, 81.2603, 89.9661



80.6121, 81.2603, 79.7247



72.7619, 81.2603, 87.0077



73.9545, 81.2603, 97.8511

Sweetspot

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



81.8911, 81.2639, 89.9678



91.8648, 94.8986, 103.9261



81.3280, 80.7125, 101.7361



19.4849, 20.0276, 21.9651



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

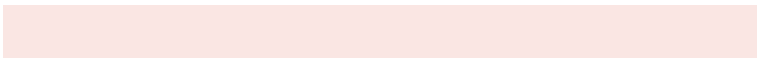
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8911, 81.2639, 89.9678



83.9381, 82.2679, 91.3489



81.7144, 82.7179, 84.3366



17.4938, 17.3249, 19.1899



21.8839, 11.1693, 6.0971



2.0748, 1.0536, 0.8172

Inverse Universe

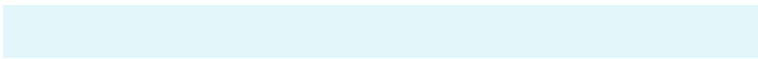
The Inverse Universe completely reimagines the original color for something new.



81.8911, 81.2639, 89.9678



83.9381, 82.2679, 91.3489



82.0598, 89.4819, 103.3902



17.4938, 17.3249, 19.1899



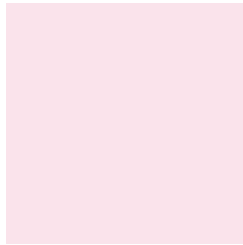
21.8839, 11.1693, 6.0971



2.0748, 1.0536, 0.8172

Previews

White Background



This preview shows how the XYZ color 81.8888, 81.2603, 89.9661 looks on a white background.

Color Contrast Check

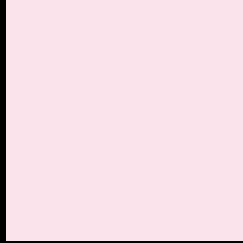
Large Text (above 18pt) WCAG AA × Fail

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 81.8888, 81.2603, 89.9661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

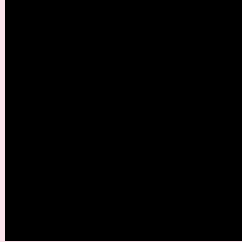
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8888, 81.2603, 89.9661

Background



This preview shows how black text looks on a background with the XYZ color 81.8888, 81.2603, 89.9661.



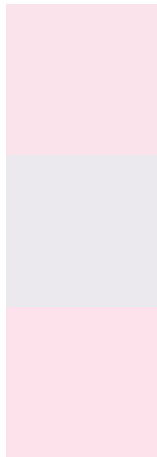
This preview shows how white text looks on a background with the XYZ color 81.8888, 81.2603,

89.9661.

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

81.8888, 81.2603, 89.9661

Protanopia

78.5502, 81.5484, 92.4893

Deuteranopia

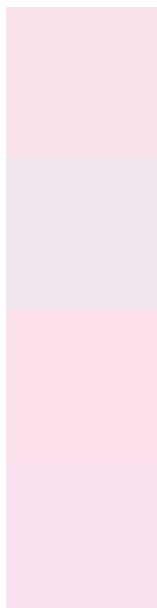
83.0648, 81.4617, 89.9430



Tritanopia

83.1577, 81.3730, 96.1177

Trichromacy



Original Color

81.8888, 81.2603, 89.9661

Protanomaly

79.5181, 81.2333, 91.6093

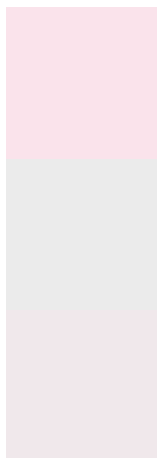
Deuteranomaly

82.6998, 81.2735, 89.9259

Tritanomaly

82.7082, 81.1932, 93.7507

Monochromacy



Original Color

81.8888, 81.2603, 89.9661

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 81.8888, 81.2603, 89.9661 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.8888, 81.2603, 89.9661 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, 235) }
```


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

```
.border{ border-color:rgb(250, 227, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8888, 81.2603, 89.9661 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, 235) }
```

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

```
.background{ background-color: rgb(250,  
227, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor