

Converting Colors

XYZ(121.9831, 100.0000,
83.1370)

Have a look what the booklet for
XYZ(121.9831, 100.0000, 83.1370)
contains.

XYZ(80.8158, 78.8844, 81.4878)	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(80.8158, 78.8844,
81.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE0
RGB	255, 222, 224
RGB Percent	100%, 87%, 88%
CMY	0.0000, 0.1294, 0.1216
CMYK	0.00, 0.13, 0.12, 0.00
HSL	356°, 100%, 94%
HSV	356°, 13%, 100%
XYZ	80.8158, 78.8844, 81.4878
YIQ	232.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

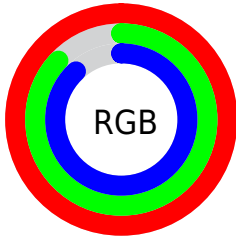
Format	Color
R_{YB}	255, 222, 224
Decimal	16768736
CIE _{Lab}	91.18, 11.69, 3.21
CIE _{LCh}	91, 12.127, 15.368
Yxy	78.8844, 0.3351, 0.3271
Android (android.graphics.Color)	4294958816 (0xFFFFDDE0)
YUV	232.0950, -3.9908, 20.0877
Hunter-Lab	88.8169, 6.9902, 7.7744

Details

The XYZ color **80.8158, 78.8844, 81.4878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.6165, 94.1427, 106.6966**, and the grayscale version is **76.7935, 80.7927, 87.9833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2689, 42.5078, 43.4077** is the 20% darker color. If you saturate the color by 10%, you get **71.5248, 65.1408, 63.4741**, and if you desaturate by 10%, it is **91.5928, 94.8663, 102.2575**.

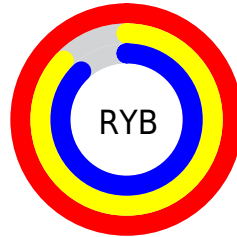
Distribution



Red (100%)

Green (87%)

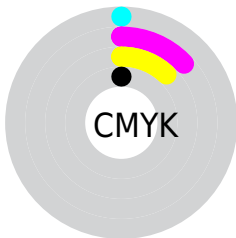
Blue (88%)



Red (100%)

Yellow (87%)

Blue (88%)

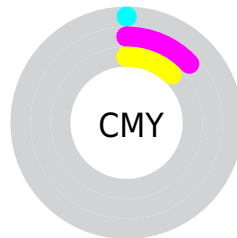


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8158, 78.8844, 81.4878 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 80.8158, 78.8844, 81.4878 by changing the saturation by 10% instead.

 80.8158, 78.8844,
81.4878

 80.8158, 78.8844,
81.4878


486.3727,
491.1652, 519.7712

 60.7007, 58.8008,
60.4101


133.4566,
131.7961, 137.2857

 44.2353, 42.4528,
43.3218


166.7130,
165.3930, 172.8430

 31.0542, 29.4560,
29.8044


205.0805,
204.2630, 214.0639

 20.7922, 19.4260,
19.4394

248.9246,
248.7907, 261.3669

 13.0838, 11.9785,
11.8082

298.6104,
299.3603, 315.1706

 7.5636, 6.7291,
6.4922

354.5035,

 3.8665, 3.2932,

356.3564, 375.8935

3.0731

416.9691,
420.1632, 443.9542

■ 1.6269, 1.2867,
1.1321

■ 0.4098, 0.1309,
0.0000

■ 80.8158, 78.8844,
81.4878

■ 80.8158, 78.8844,
81.4878

■ 71.5248, 65.1408,
63.4741

■ 91.5928, 94.8663,
102.2575

■ 63.6491, 53.5262,
48.0958

95.0500, 100.0000,
108.9000

■ 57.1209, 43.9370,
35.2309

■ 51.8647, 36.2574,
24.7457

■ 47.7974, 30.3595,
16.4942

■ 44.8259, 26.1000,
10.3141

■ 42.8435, 23.3132,
6.0214

■ 41.7218, 21.7990,
3.3994

■ 41.3293, 21.2957,
2.4001

Harmonies

Analogous

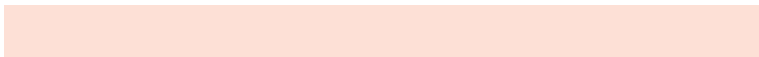
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8364, 78.8844, 90.2344



80.8158, 78.8844, 81.4878



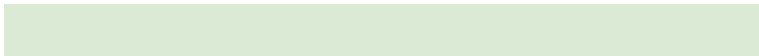
79.2023, 78.8844, 74.4114

Triad

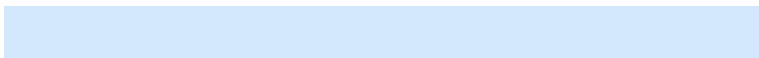
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8158, 78.8844, 81.4878



70.8535, 78.8844, 74.5512



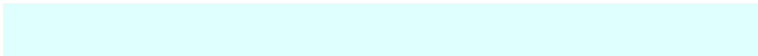
73.4956, 78.8844, 103.3138

Complementary

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



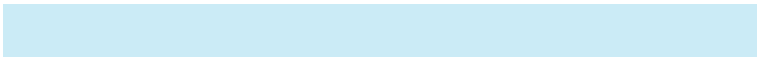
80.8158, 78.8844, 81.4878



83.6165, 94.1427, 106.6966

Split Complementary

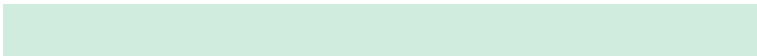
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9052, 78.8844, 98.4959



80.8158, 78.8844, 81.4878



69.4083, 78.8844, 81.6906

Square

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



80.8158, 78.8844, 81.4878



73.4233, 78.8844, 70.5967



69.4269, 78.8844, 90.4515



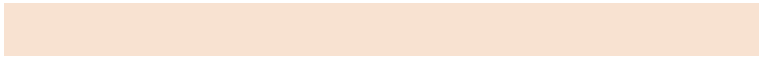
76.5529, 78.8844, 103.2502

Rectangle

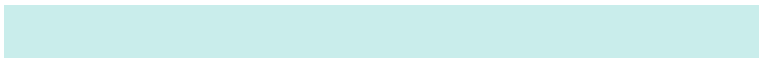
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



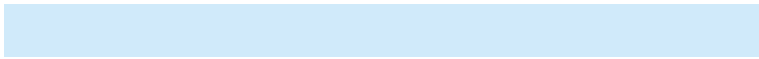
80.8158, 78.8844, 81.4878



77.4651, 78.8844, 71.4195



69.4269, 78.8844, 90.4515



72.5432, 78.8844, 102.1978

Sweetspot

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



80.8177, 78.8877, 81.4895



90.3771, 93.0619, 99.9196



84.6083, 80.3110, 105.6500



19.1622, 19.6487, 21.0364



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

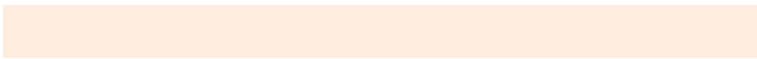
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8177, 78.8877, 81.4895



77.8184, 74.4469, 75.6873



84.5086, 86.7001, 81.3923



18.0539, 18.0049, 18.9011



21.6125, 11.1343, 1.3441



2.1193, 1.0901, 0.2094

Inverse Universe

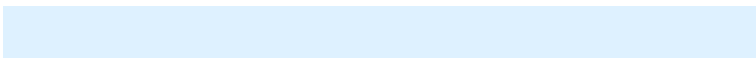
The Inverse Universe completely reimagines the original color for something new.



80.8177, 78.8877, 81.4895



77.8184, 74.4469, 75.6873



79.5435, 85.4853, 106.9157



18.0539, 18.0049, 18.9011



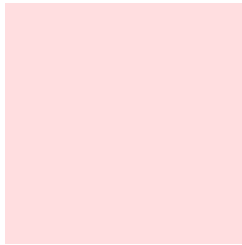
21.6125, 11.1343, 1.3441



2.1193, 1.0901, 0.2094

Previews

White Background



This preview shows how the XYZ color 80.8158, 78.8844, 81.4878 looks on a white background.

Color Contrast Check

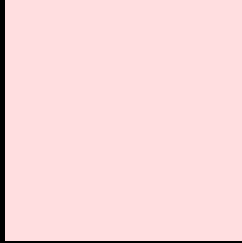
Large Text (above 18pt) WCAG AA × Fail

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 80.8158, 78.8844, 81.4878 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 80.8158, 78.8844, 81.4878

Background



This preview shows how black text looks on a background with the XYZ color 80.8158, 78.8844, 81.4878.



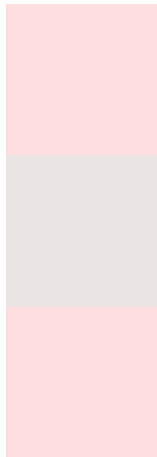
This preview shows how white text looks on a background with the XYZ color 80.8158, 78.8844,

81.4878.

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

80.8158, 78.8844, 81.4878

Protanopia

75.9546, 79.1325, 84.6696

Deuteranopia

80.4489, 78.6952, 81.4706



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

80.8158, 78.8844, 81.4878

Protanomaly

77.6794, 78.8160, 83.7919

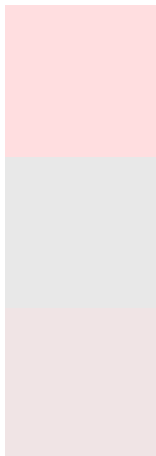
Deuteranomaly

80.4489, 78.6952, 81.4706

Tritanomaly

81.6619, 78.7991, 87.2496

Monochromacy



Original Color

80.8158, 78.8844, 81.4878

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8214, 79.6692, 85.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8158, 78.8844, 81.4878 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(255, 222, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 224)  
}
```

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(255, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 224) }
```

Border

The CSS property to change the border of an element to XYZ 80.8158, 78.8844, 81.4878 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(255, 222, 224) }
```


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

```
.border{ border-color:rgb(255, 222, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8158, 78.8844, 81.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 224) }
```

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

```
.background{ background-color: rgb(255,  
222, 224) }
```

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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