

Converting Colors

XYZ(80.8222, 78.6805, 82.1579)

Have a look what the booklet for
XYZ(80.8222, 78.6805, 82.1579)
contains.

| | |
|--|----|
| XYZ(80.9519, 78.9388, 82.2042) | 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(80.9519, 78.9388,
82.2042)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFDEE1 |
| RGB | 255, 222, 225 |
| RGB Percent | 100%, 87%, 88% |
| CMY | 0.0000, 0.1294, 0.1176 |
| CMYK | 0.00, 0.13, 0.12, 0.00 |
| HSL | 355°, 100%, 94% |
| HSV | 355°, 13%, 100% |
| XYZ | 80.9519, 78.9388, 82.2042 |
| YIQ | 232.2090, 18.7050, 7.9290 |

Conversions

Conversions Part 2

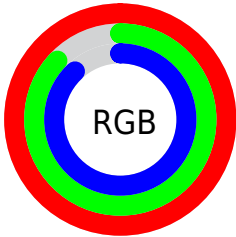
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 222, 225 |
| Decimal | 16768737 |
| CIE _{Lab} | 91.21, 11.85, 2.73 |
| CIE _{LCh} | 91, 12.162, 12.951 |
| Y _{xy} | 78.9388, 0.3344, 0.3261 |
| Android (android.graphics.Color) | 4294958817 (0xFFFFDDEE1) |
| Y _{UV} | 232.2090, -3.5540, 19.9877 |
| Hunter-Lab | 88.8475, 7.1541, 7.3365 |

Details

The XYZ color **80.9519, 78.9388, 82.2042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4575, 94.0791, 105.8597**, and the grayscale version is **76.8758, 80.8793, 88.0776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3631, 42.5455, 43.9041** is the 20% darker color. If you saturate the color by 10%, you get **71.7332, 65.2241, 64.5721**, and if you desaturate by 10%, it is **91.6280, 94.8804, 102.4431**.

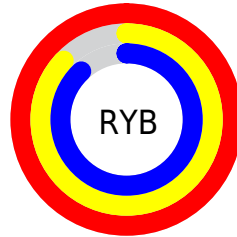
Distribution



Red (100%)

Green (87%)

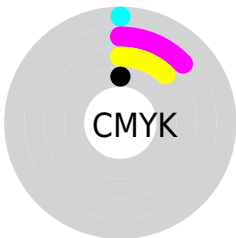
Blue (88%)



Red (100%)

Yellow (87%)

Blue (88%)

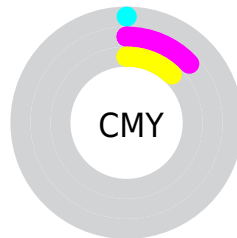


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9519, 78.9388, 82.2042 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 80.9519, 78.9388, 82.2042 by changing the saturation by 10% instead.


 80.9519, 78.9388,
82.2042

 80.9519, 78.9388,
82.2042


486.8229,
491.3493, 522.2318

 60.8131, 58.8455,
60.9971


133.6467,
131.8727, 138.2996

 44.3263, 42.4888,
43.7923


166.9335,
165.4821, 174.0249

 31.1262, 29.4842,
30.1712


205.3337,
204.3656, 215.4267

 20.8472, 19.4474,
19.7154

249.2126,
248.9077, 262.9235

 13.1242, 11.9940,
12.0063

298.9356,
299.4927, 316.9339

 7.5917, 6.7396,
6.6254

354.8681,

 3.8844, 3.2998,

356.5050, 377.8764

3.1541

417.3754,
420.3291, 446.1695

■ 1.6370, 1.2902,
1.1738

■ 0.4163, 0.1336,
0.0000

■ 80.9519, 78.9388,
82.2042

■ 80.9519, 78.9388,
82.2042

■ 71.7332, 65.2241,
64.5721

■ 91.6280, 94.8804,
102.4431

■ 63.9035, 53.6279,
49.4359

95.0500, 100.0000,
108.9000

■ 57.3969, 44.0474,
36.6842

■ 52.1400, 36.3675,
26.1954

■ 48.0523, 30.4615,
17.8367

■ 45.0439, 26.1871,
11.4618

■ 43.0114, 23.3804,
6.9057

■ 41.8313, 21.8428,
3.9764

■ 41.3962, 21.3225,
2.7524

Harmonies

Analogous

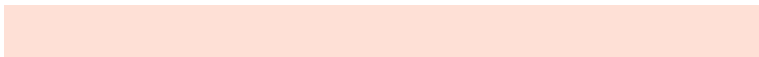
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8366, 78.9388, 91.0220



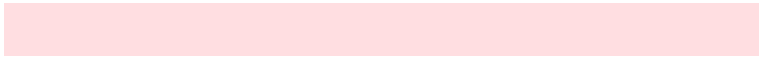
80.9519, 78.9388, 82.2042



79.4492, 78.9388, 74.9009

Triad

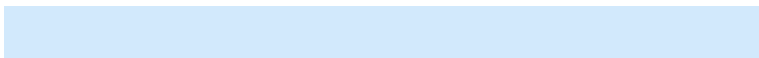
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9519, 78.9388, 82.2042



71.0643, 78.9388, 74.1209



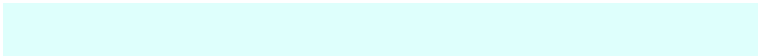
73.3054, 78.9388, 103.2139

Complementary

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



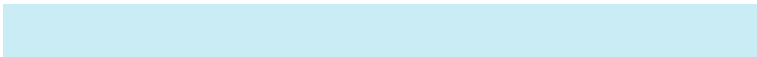
80.9519, 78.9388, 82.2042



83.4575, 94.0791, 105.8597

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.



70.7758, 78.9388, 98.0376



80.9519, 78.9388, 82.2042



69.5064, 78.9388, 81.0718

Square

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



80.9519, 78.9388, 82.2042



73.7090, 78.9388, 70.4535



69.4022, 78.9388, 89.8098



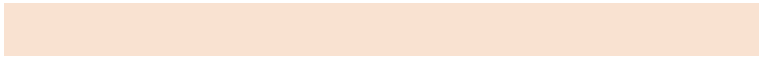
76.3645, 78.9388, 103.5690

Rectangle

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



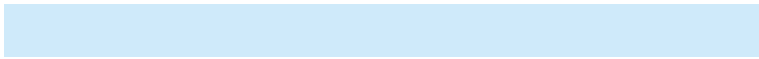
80.9519, 78.9388, 82.2042



77.7554, 78.9388, 71.7083



69.4022, 78.9388, 89.8098



72.3670, 78.9388, 101.9646

Sweetspot

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



80.9537, 78.9421, 82.2059



90.4245, 93.0809, 100.1690



84.2094, 80.1054, 105.6313



19.1741, 19.6535, 21.0992



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

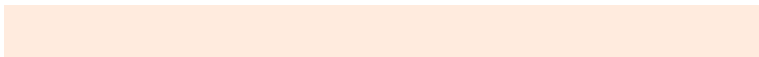
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9537, 78.9421, 82.2059



77.9796, 74.5114, 76.5361



84.1923, 86.0676, 81.2868



18.0763, 18.0138, 19.0191



21.6528, 11.1504, 1.5563



2.1298, 1.0943, 0.2652

Inverse Universe

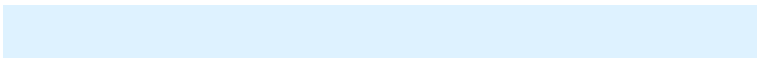
The Inverse Universe completely reimagines the original color for something new.



80.9537, 78.9421, 82.2059



77.9796, 74.5114, 76.5361



79.8694, 86.1373, 107.0243



18.0763, 18.0138, 19.0191



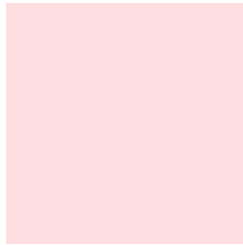
21.6528, 11.1504, 1.5563



2.1298, 1.0943, 0.2652

Previews

White Background



This preview shows how the XYZ color 80.9519, 78.9388, 82.2042 looks on a white background.

Color Contrast Check

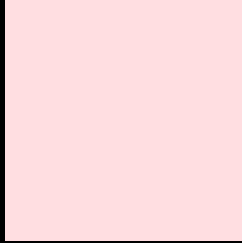
Large Text (above 18pt) WCAG AA × Fail

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 80.9519, 78.9388, 82.2042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

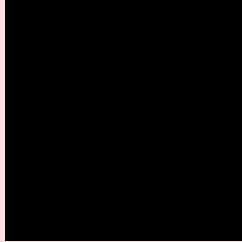
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

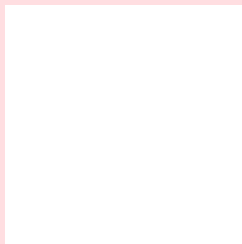
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9519, 78.9388, 82.2042

Background



This preview shows how black text looks on a background with the XYZ color 80.9519, 78.9388, 82.2042.

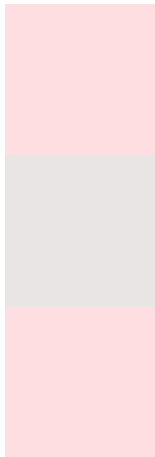


This preview shows how white text looks on a background with the XYZ color 80.9519, 78.9388,

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

80.9519, 78.9388, 82.2042

Protanopia

76.0939, 79.1882, 85.4030

Deuteranopia

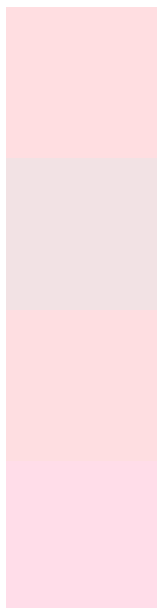
80.5849, 78.7496, 82.1871



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

80.9519, 78.9388, 82.2042

Protanomaly

77.8179, 78.8714, 84.5210

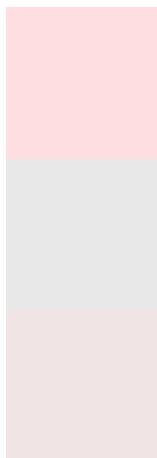
Deuteranomaly

80.5849, 78.7496, 82.1871

Tritanomaly

81.8044, 78.8561, 88.0000

Monochromacy



Original Color

80.9519, 78.9388, 82.2042

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 80.9519, 78.9388, 82.2042 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 80.9519, 78.9388, 82.2042 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, 225) }
```


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

```
.border{ border-color:rgb(255, 222, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9519, 78.9388, 82.2042 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
222, 225) }
```

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