

Converting Colors

XYZ(119.4780, 100.0000,
87.3747)

Have a look what the booklet for
XYZ(119.4780, 100.0000, 87.3747)
contains.

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Color

**XYZ(82.3081, 80.7676,
85.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E5
RGB	255, 225, 229
RGB Percent	100%, 88%, 90%
CMY	0.0000, 0.1176, 0.1020
CMYK	0.00, 0.12, 0.10, 0.00
HSL	352°, 100%, 94%
HSV	352°, 12%, 100%
XYZ	82.3081, 80.7676, 85.3803
YIQ	234.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

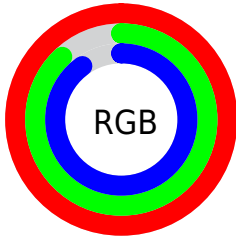
Format	Color
R _Y B	255, 225, 229
Decimal	16769509
CIE Lab	92.03, 10.94, 1.83
CIE LCh	92, 11.095, 9.475
Yxy	80.7676, 0.3313, 0.3251
Android (android.graphics.Color)	4294959589 (0xFFFFE1E5)
YUV	234.4260, -2.6750, 18.0434
Hunter-Lab	89.8708, 6.2052, 6.5820

Details

The XYZ color **82.3081, 80.7676, 85.3803** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2265, 94.4939, 105.0705**, and the grayscale version is **78.5420, 82.6323, 89.9866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3034, 43.8112, 46.1131** is the 20% darker color. If you saturate the color by 10%, you get **73.0301, 66.8402, 68.0187**, and if you desaturate by 10%, it is **93.0122, 96.9178, 105.1581**.

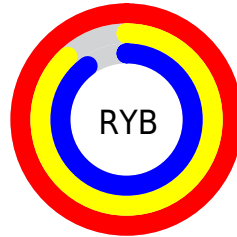
Distribution



Red (100%)

Green (88%)

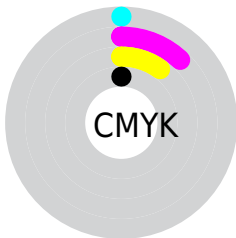
Blue (90%)



Red (100%)

Yellow (88%)

Blue (90%)

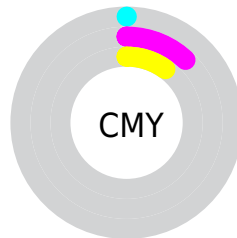


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3081, 80.7676, 85.3803 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 82.3081, 80.7676, 85.3803 by changing the saturation by 10% instead.


 82.3081, 80.7676,
85.3803

 82.3081, 80.7676,
85.3803


491.2966,
497.5159, 533.0630

 61.9345, 60.3502,
63.6037


135.5395,
134.4444, 142.7833

 45.2352, 43.7010,
45.8856


169.1281,
168.4726, 179.2467

 31.8448, 30.4355,
31.8076


207.8524,
207.8065, 221.4429

 21.3979, 20.1694,
20.9510

252.0777,
252.8306, 269.7903

 13.5293, 12.5182,
12.8973

302.1694,
303.9292, 324.7074

 7.8735, 7.0976,
7.2279

358.4929,

 4.0653, 3.5232,

361.4867, 386.6129

3.5245

421.4135,
425.8874, 455.9252

■ 1.7391, 1.4106,
1.3683

■ 0.4806, 0.2245,
0.1168

■ 82.3081, 80.7676,
85.3803

■ 82.3081, 80.7676,
85.3803

■ 73.0301, 66.8402,
68.0187

■ 93.0122, 96.9178,
105.1581

■ 65.1126, 55.0286,
52.9754

95.0500, 100.0000,
108.9000

■ 58.4927, 45.2322,
40.1536

■ 53.1009, 37.3383,
29.4474

■ 48.8606, 31.2228,
20.7426

■ 45.6867, 26.7471,
13.9136

■ 43.4823, 23.7519,
8.8208

■ 42.1321, 22.0461,
5.3043

■ 41.5283, 21.3753,
3.4480

Harmonies

Analogous

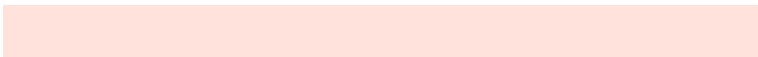
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0219, 80.7676, 93.5683



82.3081, 80.7676, 85.3803



81.0814, 80.7676, 78.3244

Triad

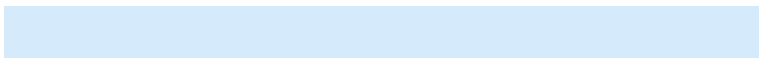
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3081, 80.7676, 85.3803



73.3311, 80.7676, 76.3603



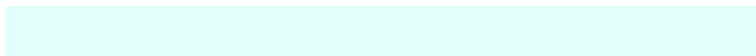
74.8592, 80.7676, 103.4969

Complementary

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



82.3081, 80.7676, 85.3803



84.2265, 94.4939, 105.0705

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.



72.6088, 80.7676, 98.3167



82.3081, 80.7676, 85.3803



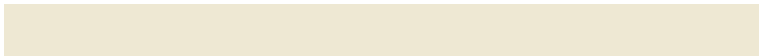
71.7418, 80.7676, 82.5462

Square

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



82.3081, 80.7676, 85.3803



75.8674, 80.7676, 73.3336



71.4807, 80.7676, 90.5548



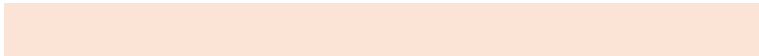
77.6741, 80.7676, 104.3724

Rectangle

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



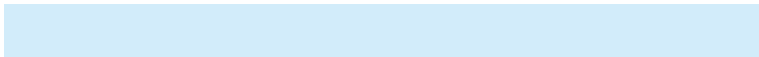
82.3081, 80.7676, 85.3803



79.5883, 80.7676, 75.0871



71.4807, 80.7676, 90.5548



74.0136, 80.7676, 102.1867

Sweetspot

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



82.3099, 80.7709, 85.3820



90.4909, 93.1074, 100.5187



84.7608, 81.5831, 105.8875



19.1909, 19.6602, 21.1873



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

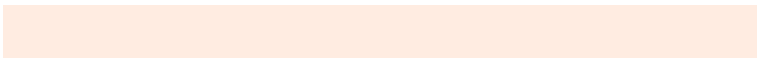
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3099, 80.7709, 85.3820



80.1119, 77.4645, 81.2903



84.8280, 86.6897, 83.5004



18.1079, 18.0265, 19.1851



21.7294, 11.1811, 1.9597



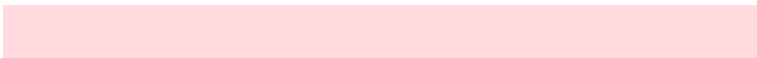
2.1447, 1.1002, 0.3432

Inverse Universe

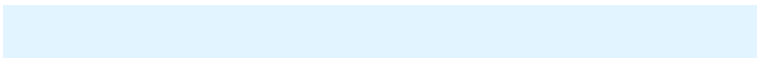
The Inverse Universe completely reimagines the original color for something new.



82.3099, 80.7709, 85.3820



80.1119, 77.4645, 81.2903



81.4546, 87.9312, 107.2871



18.1079, 18.0265, 19.1851



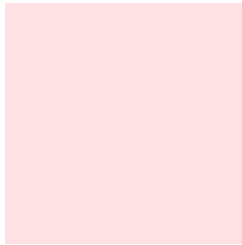
21.7294, 11.1811, 1.9597



2.1447, 1.1002, 0.3432

Previews

White Background



This preview shows how the XYZ color 82.3081, 80.7676, 85.3803 looks on a white background.

Color Contrast Check

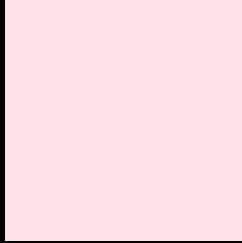
Large Text (above 18pt) WCAG AA × Fail

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 82.3081, 80.7676, 85.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

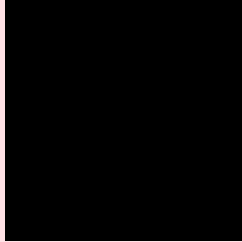
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3081, 80.7676, 85.3803

Background



This preview shows how black text looks on a background with the XYZ color 82.3081, 80.7676, 85.3803.



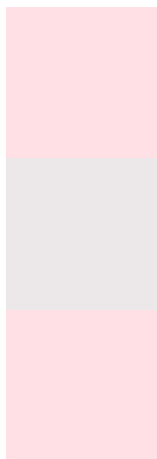
This preview shows how white text looks on a background with the XYZ color 82.3081, 80.7676,

85.3803.

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

82.3081, 80.7676, 85.3803

Protanopia

77.7335, 80.8109, 87.8450

Deuteranopia

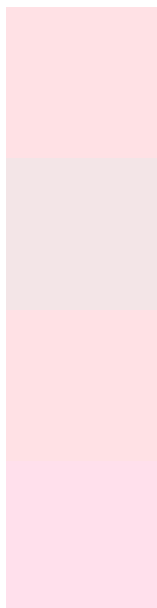
82.3081, 80.7676, 85.3803



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

82.3081, 80.7676, 85.3803

Protanomaly

79.4053, 80.8628, 87.0243

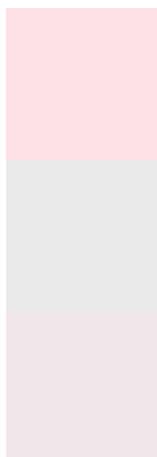
Deuteranomaly

82.3081, 80.7676, 85.3803

Tritanomaly

83.0360, 80.6274, 90.5431

Monochromacy



Original Color

82.3081, 80.7676, 85.3803

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.7594, 81.8553, 87.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3081, 80.7676, 85.3803 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, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 229)  
}
```

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, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 229) }
```

Border

The CSS property to change the border of an element to XYZ 82.3081, 80.7676, 85.3803 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, 225, 229) }
```


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

```
.border{ border-color:rgb(255, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3081, 80.7676, 85.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 229) }
```

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

```
.background{ background-color: rgb(255,  
225, 229) }
```

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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