

Converting Colors

XYZ(79.8507, 75.9977, 95.0360)

Have a look what the booklet for
XYZ(79.8507, 75.9977, 95.0360)
contains.

| | |
|--|----|
| XYZ(80.0574, 76.2365, 95.2897) | 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(80.0574, 76.2365,
95.2897)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F9D9F3 |
| RGB | 249, 217, 243 |
| RGB Percent | 98%, 85%, 95% |
| CMY | 0.0235, 0.1490, 0.0471 |
| CMYK | 0.00, 0.13, 0.02, 0.02 |
| HSL | 311°, 73%, 91% |
| HSV | 311°, 13%, 98% |
| XYZ | 80.0574, 76.2365, 95.2897 |
| YIQ | 229.5320, 10.7260, 14.8700 |

Conversions

Conversions Part 2

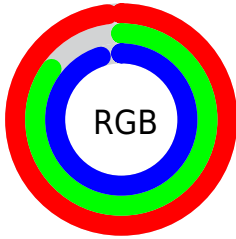
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 249, 217, 243 |
| Decimal | 16374259 |
| CIE _{Lab} | 89.97, 15.44, -8.60 |
| CIE _{LCh} | 90, 17.669, 330.877 |
| Yxy | 76.2365, 0.3182, 0.3030 |
| Android (android.graphics.Color) | 4294564339 (0xFFFF9D9F3) |
| YUV | 229.5320, 6.6397, 17.0734 |
| Hunter-Lab | 87.3135, 10.8673, -3.5867 |

Details

The XYZ color **80.0574, 76.2365, 95.2897** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.8131, 87.8328, 82.7737**, and the grayscale version is **74.8170, 78.7133, 85.7188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6282, 40.6350, 52.5576** is the 20% darker color. If you saturate the color by 10%, you get **73.4217, 64.0783, 89.6436**, and if you desaturate by 10%, it is **87.6838, 90.3451, 101.3563**.

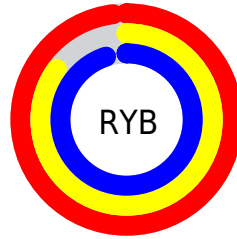
Distribution



Red (98%)

Green (85%)

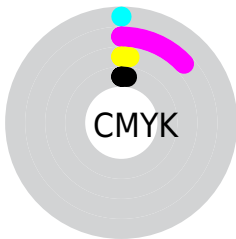
Blue (95%)



Red (98%)

Yellow (85%)

Blue (95%)

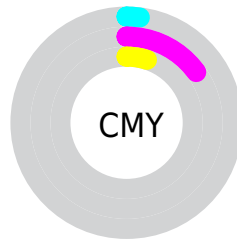


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0574, 76.2365, 95.2897 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 80.0574, 76.2365, 95.2897 by changing the saturation by 10% instead.

80.0574, 76.2365,
95.2897

80.0574, 76.2365,
95.2897

483.8598,
482.1569, 566.1000

60.0742, 56.6265,
71.7779

132.3965,
128.0612, 156.6638

43.7281, 40.7054,
52.4915

165.4832,
161.0446, 195.3632

30.6538, 28.0890,
37.0121

203.6684,
199.2545, 239.9621

20.4859, 18.3927,
24.9210

247.3175,
243.0755, 290.8793

12.8591, 11.2323,
15.7997

296.7958,
292.8918, 348.5331

7.4079, 6.2233,
9.2297

352.4687,

3.7671, 2.9813,

349.0879, 413.3421

4.7925

414.7016,
412.0481, 485.7249

■ 1.5712, 1.1220,
2.0694

■ 0.3735, 0.0000,
0.5975

■ 80.0574, 76.2365,
95.2897

■ 80.0574, 76.2365,
95.2897

■ 73.4217, 64.0783,
89.6436

■ 87.6838, 90.3451,
101.3563

■ 67.7267, 53.7739,
84.3980

■ 92.4521, 98.7098,
106.5585

■ 62.9278, 45.2338,
79.5383

■ 92.8774, 98.8800,
108.7983

■ 58.9746, 38.3566,
75.0470

■ 55.8110, 33.0311,
70.9048

■ 53.3746, 29.1322,
67.0901

■ 51.5929, 26.5153,
63.5782

■ 50.3783, 25.0054,
60.3391

■ 49.7646, 24.4189,
58.1590

Harmonies

Analogous

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



76.8622, 76.2365, 105.4412



80.0574, 76.2365, 95.2897



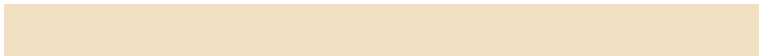
81.1979, 76.2365, 82.6406

Triad

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



80.0574, 76.2365, 95.2897



72.3319, 76.2365, 61.1821



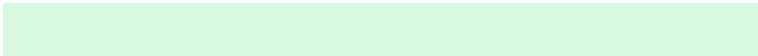
65.4803, 76.2365, 95.9912

Complementary

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



80.0574, 76.2365, 95.2897



75.8131, 87.8328, 82.7737

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.



64.3735, 76.2365, 83.3776



80.0574, 76.2365, 95.2897



68.2302, 76.2365, 64.0072

Square

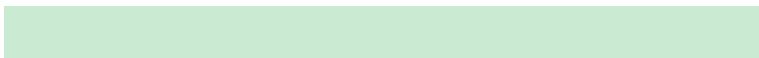
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



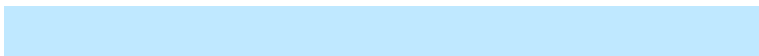
80.0574, 76.2365, 95.2897



76.6306, 76.2365, 63.6979



65.3601, 76.2365, 71.8308



68.4445, 76.2365, 105.8740

Rectangle

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



80.0574, 76.2365, 95.2897



80.6048, 76.2365, 74.7189



65.3601, 76.2365, 71.8308



64.8841, 76.2365, 91.8898

Sweetspot

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



80.0596, 76.2398, 95.2913



91.5755, 93.5413, 106.2301



72.3053, 72.1359, 99.7364



19.4652, 19.7699, 22.6319



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.



80.0596, 76.2398, 95.2913



82.9049, 77.5235, 99.2605



77.7659, 75.3223, 83.2127



17.8452, 17.4655, 21.0408



26.6877, 13.0908, 31.3936



2.5066, 1.2264, 3.0910

Inverse Universe

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



80.0596, 76.2398, 95.2913



82.9049, 77.5235, 99.2605



78.0538, 88.7291, 94.5728



17.8452, 17.4655, 21.0408



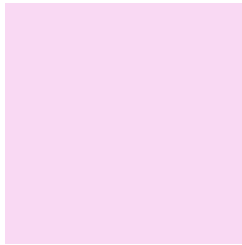
26.6877, 13.0908, 31.3936



2.5066, 1.2264, 3.0910

Previews

White Background



This preview shows how the XYZ color 80.0574, 76.2365, 95.2897 looks on a white background.

Color Contrast Check

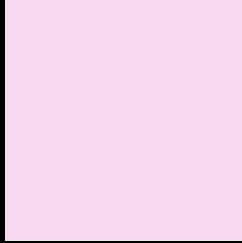
Large Text (above 18pt) WCAG AA × Fail

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 80.0574, 76.2365, 95.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

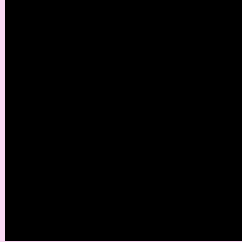
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0574, 76.2365, 95.2897

Background



This preview shows how black text looks on a background with the XYZ color 80.0574, 76.2365, 95.2897.



This preview shows how white text looks on a background with the XYZ color 80.0574, 76.2365,

95.2897.

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

80.0574, 76.2365, 95.2897

Protanopia

74.6090, 76.4750, 99.6358

Deuteranopia

77.8958, 76.2980, 94.6258



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

80.0574, 76.2365, 95.2897

Protanomaly

76.3601, 76.2200, 97.8761

Deuteranomaly

78.6668, 76.3069, 94.5869

Tritanomaly

79.2154, 76.2723, 91.4358

Monochromacy



Original Color

80.0574, 76.2365, 95.2897

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.8457, 77.8531, 89.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0574, 76.2365, 95.2897 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(249, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 243)  
}
```

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(249, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 243) }
```

Border

The CSS property to change the border of an element to XYZ 80.0574, 76.2365, 95.2897 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(249, 217, 243) }
```


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

```
.border{ border-color:rgb(249, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0574, 76.2365, 95.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 243) }
```

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

```
.background{ background-color: rgb(249,  
217, 243) }
```

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