

Converting Colors

XYZ(80.7330, 77.3323, 96.2635)

Have a look what the booklet for
XYZ(80.7330, 77.3323, 96.2635)
contains.

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Color

**XYZ(80.7276, 77.3344,
96.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DBF4
RGB	249, 219, 244
RGB Percent	98%, 86%, 96%
CMY	0.0235, 0.1412, 0.0431
CMYK	0.00, 0.12, 0.02, 0.02
HSL	310°, 71%, 92%
HSV	310°, 12%, 98%
XYZ	80.7276, 77.3344, 96.2602
YIQ	230.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

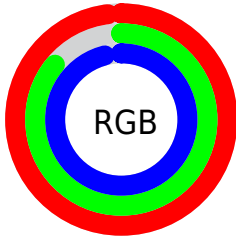
Format	Color
R_{YB}	249, 219, 244
Decimal	16374772
CIE _{Lab}	90.48, 14.57, -8.37
CIE _{LCh}	90, 16.802, 330.108
Yxy	77.3344, 0.3174, 0.3041
Android (android.graphics.Color)	4294564852 (0xFFF9DBF4)
YUV	230.8200, 6.4977, 15.9439
Hunter-Lab	87.9400, 9.9654, -3.3416

Details

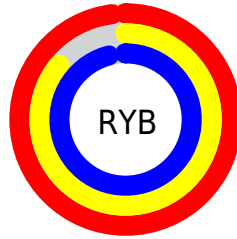
The XYZ color **80.7276, 77.3344, 96.2602** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.5466, 88.1955, 83.5142**, and the grayscale version is **75.7718, 79.7178, 86.8127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0908, 41.3882, 53.2418** is the 20% darker color. If you saturate the color by 10%, you get **74.0888, 65.0530, 90.9734**, and if you desaturate by 10%, it is **88.3568, 91.5715, 101.9490**.

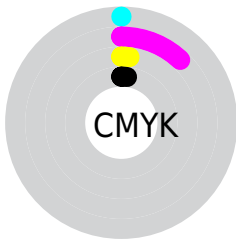
Distribution



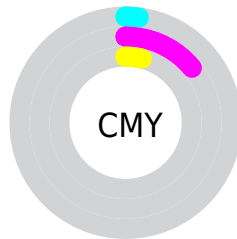
- Red (98%)
- Green (86%)
- Blue (96%)



- Red (98%)
- Yellow (86%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7276, 77.3344, 96.2602 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 80.7276, 77.3344, 96.2602 by changing the saturation by 10% instead.


 80.7276, 77.3344,
96.2602

 80.7276, 77.3344,
96.2602


486.0808,
485.9034, 569.2786

 60.6278, 57.5274,
72.5816

133.3334,
129.6114, 158.0150

 44.1763, 41.4288,
53.1442


166.5701,
162.8502, 196.9283

 31.0076, 28.6543,
37.5294


204.9164,
201.3350, 241.7569

 20.7565, 18.8195,
25.3186

248.7378,
245.4502, 292.9194

 13.0576, 11.5399,
16.0934

298.3996,
295.5803, 350.8342

 7.5455, 6.4312,
9.4352

354.2671,

 3.8549, 3.1090,

352.1096, 415.9200

4.9255

416.7057,
415.4225, 488.5953

■ 1.6203, 1.1889,
2.1456

■ 0.4056, 0.0526,
0.6427

■ 80.7276, 77.3344,
96.2602

■ 80.7276, 77.3344,
96.2602

■ 74.0888, 65.0530,
90.9734

■ 88.3568, 91.5715,
101.9490

■ 68.3905, 54.6311,
86.0688

■ 92.4463, 98.7075,
106.5274

■ 63.5886, 45.9797,
81.5321

■ 92.8775, 98.8800,
108.7983

■ 59.6328, 38.9984,
77.3462

■ 56.4680, 33.5766,
73.4920

■ 54.0320, 29.5906,
69.9486

■ 52.2535, 26.8979,
66.6915

■ 51.0465, 25.3264,
63.6917

■ 50.3905, 24.6692,
61.4545

Harmonies

Analogous

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



77.6285, 77.3344, 105.8307



80.7276, 77.3344, 96.2602



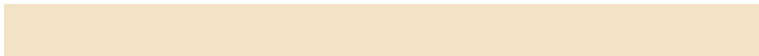
81.8762, 77.3344, 84.1605

Triad

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



80.7276, 77.3344, 96.2602



73.4888, 77.3344, 63.1350



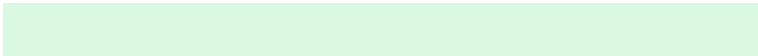
66.7390, 77.3344, 96.3427

Complementary

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



80.7276, 77.3344, 96.2602



76.5466, 88.1955, 83.5142

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.



65.7229, 77.3344, 84.2476



80.7276, 77.3344, 96.2602



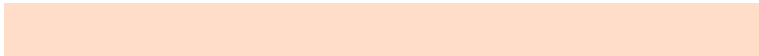
69.5283, 77.3344, 65.7446

Square

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



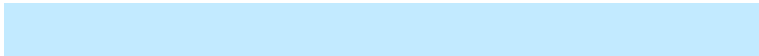
80.7276, 77.3344, 96.2602



77.6012, 77.3344, 65.7077



66.7248, 77.3344, 73.1990



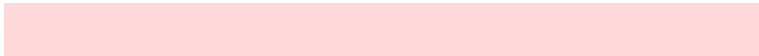
69.5536, 77.3344, 105.8815

Rectangle

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



80.7276, 77.3344, 96.2602



81.3486, 77.3344, 76.5029



66.7248, 77.3344, 73.1990



66.1807, 77.3344, 92.4054

Sweetspot

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



80.7299, 77.3378, 96.2619



91.6094, 93.5548, 106.4086



73.1741, 73.3537, 99.9259



19.4738, 19.7733, 22.6772



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.



80.7299, 77.3378, 96.2619



83.7564, 78.9223, 100.4817



78.5440, 76.4634, 84.7511



17.8615, 17.4720, 21.1263



27.0186, 13.2232, 33.1362



2.5343, 1.2375, 3.2370

Inverse Universe

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



80.7299, 77.3378, 96.2619



83.7564, 78.9223, 100.4817



78.6717, 89.0455, 94.7047



17.8615, 17.4720, 21.1263



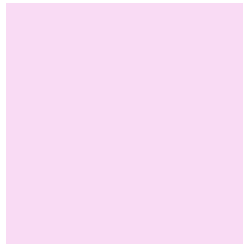
27.0186, 13.2232, 33.1362



2.5343, 1.2375, 3.2370

Previews

White Background



This preview shows how the XYZ color 80.7276, 77.3344, 96.2602 looks on a white background.

Color Contrast Check

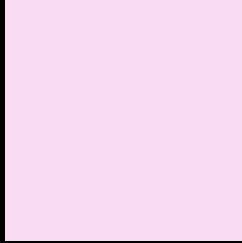
Large Text (above 18pt) WCAG AA × Fail

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 80.7276, 77.3344, 96.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

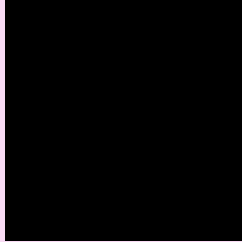
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7276, 77.3344, 96.2602

Background



This preview shows how black text looks on a background with the XYZ color 80.7276, 77.3344, 96.2602.



This preview shows how white text looks on a background with the XYZ color 80.7276, 77.3344,

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

80.7276, 77.3344, 96.2602

Protanopia

75.6593, 77.4010, 100.5748

Deuteranopia

79.1477, 77.2992, 96.3367



Tritanopia

79.5907, 77.2573, 90.8380

Trichromacy



Original Color

80.7276, 77.3344, 96.2602

Protanomaly

77.1079, 76.9832, 98.7909

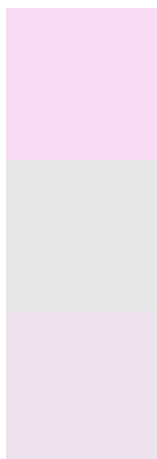
Deuteranomaly

79.5785, 77.1305, 96.2814

Tritanomaly

80.0328, 77.4341, 93.1662

Monochromacy



Original Color

80.7276, 77.3344, 96.2602

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8693, 79.1714, 90.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7276, 77.3344, 96.2602 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, 219, 244) looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 244)  
}
```

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, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 244) }
```

Border

The CSS property to change the border of an element to XYZ 80.7276, 77.3344, 96.2602 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, 219, 244) }
```


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

```
.border{ border-color:rgb(249, 219, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7276, 77.3344, 96.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 244) }
```

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

```
.background{ background-color: rgb(249,  
219, 244) }
```

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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