

Converting Colors

XYZ(77.4573, 75.9667, 81.8051)

Have a look what the booklet for
XYZ(77.4573, 75.9667, 81.8051)
contains.

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Color

**XYZ(77.6335, 76.0557,
81.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DBE1
RGB	248, 219, 225
RGB Percent	97%, 86%, 88%
CMY	0.0274, 0.1412, 0.1176
CMYK	0.00, 0.12, 0.09, 0.03
HSL	348°, 67%, 92%
HSV	348°, 12%, 97%
XYZ	77.6335, 76.0557, 81.8227
YIQ	228.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

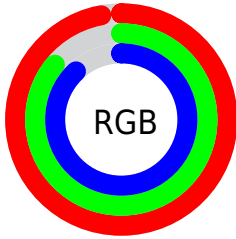
Format	Color
R_{YB}	248, 219, 225
Decimal	16309217
CIE _{Lab}	89.89, 10.98, 0.73
CIE _{LCh}	90, 11.006, 3.801
Yxy	76.0557, 0.3296, 0.3229
Android (android.graphics.Color)	4294499297 (0xFFF8DBE1)
YUV	228.3550, -1.6540, 17.2287
Hunter-Lab	87.2099, 6.2818, 5.4195

Details

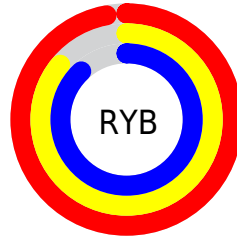
The XYZ color **77.6335, 76.0557, 81.8227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8107, 88.6076, 96.9578**, and the grayscale version is **74.0083, 77.8625, 84.7923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0170, 40.5296, 43.6387** is the 20% darker color. If you saturate the color by 10%, you get **69.1087, 63.0556, 66.4950**, and if you desaturate by 10%, it is **87.4357, 91.1139, 99.1034**.

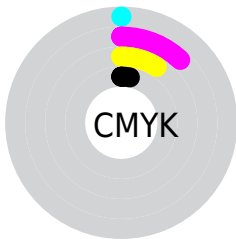
Distribution



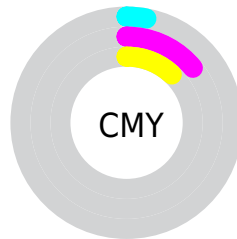
- Red (97%)
- Green (86%)
- Blue (88%)



- Red (97%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6335, 76.0557, 81.8227 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 77.6335, 76.0557, 81.8227 by changing the saturation by 10% instead.


 77.6335, 76.0557,
81.8227

 77.6335, 76.0557,
81.8227


475.7801,
481.5383, 520.9223

 58.0747, 56.4782,
60.6844

129.0014,
127.8056, 137.7598

 42.1122, 40.5864,
43.5416


161.5413,
160.7468, 173.3957

 29.3806, 27.9961,
29.9758


199.1389,
198.9114, 214.7012

 19.5147, 18.3227,
19.5683

242.1595,
242.6837, 262.0949

 12.1490, 11.1819,
11.9007

290.9686,
292.4482, 315.9954

 6.9181, 6.1893,
6.5544

345.9315,

 3.4568, 2.9605,

348.5892, 376.8210

3.1108

407.4136,
411.4911, 444.9905

■ 1.3997, 1.1112,
1.1515

■ 0.2560, 0.0000,
0.0000

■ 77.6335, 76.0557,
81.8227

■ 77.6335, 76.0557,
81.8227

■ 69.1087, 63.0556,
66.4950

■ 87.4357, 91.1139,
99.1034

■ 61.8019, 52.0144,
53.0464

■ 92.5218, 98.6967,
108.7817

■ 55.6587, 42.8398,
41.4051

■ 50.6177, 35.4279,
31.4929

■ 46.6120, 29.6650,
23.2259

■ 43.5671, 25.4236,
16.5128

■ 41.3982, 22.5575,
11.2530

■ 40.0048, 20.8914,
7.3333

■ 39.3156, 20.1982,
4.9912

Harmonies

Analogous

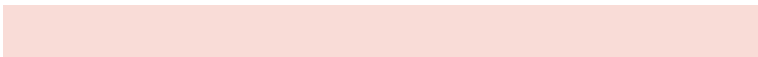
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0834, 76.0557, 89.6017



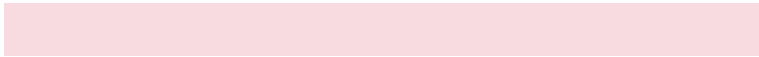
77.6335, 76.0557, 81.8227



76.7221, 76.0557, 74.7557

Triad

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



77.6335, 76.0557, 81.8227



69.4181, 76.0557, 70.9788



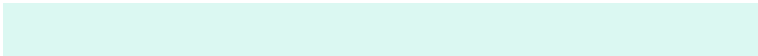
70.0043, 76.0557, 96.9908

Complementary

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



77.6335, 76.0557, 81.8227



78.8107, 88.6076, 96.9578

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.



68.0294, 76.0557, 91.4266



77.6335, 76.0557, 81.8227



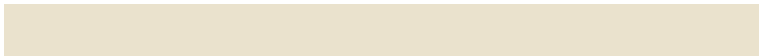
67.6969, 76.0557, 76.3738

Square

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



77.6335, 76.0557, 81.8227



71.9425, 76.0557, 68.7480



67.1949, 76.0557, 83.8087



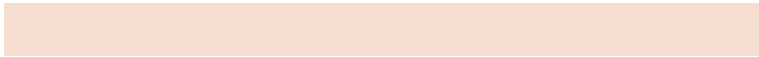
72.6359, 76.0557, 98.6735

Rectangle

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



77.6335, 76.0557, 81.8227



75.4215, 76.0557, 71.3036



67.1949, 76.0557, 83.8087



69.2438, 76.0557, 95.4959

Sweetspot

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



77.6356, 76.0591, 81.8243



90.6064, 93.1537, 101.1272



78.7980, 76.2710, 99.3765



19.2200, 19.6718, 21.3407



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

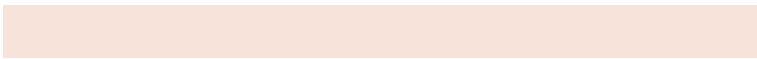
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6356, 76.0591, 81.8243



80.4711, 77.6082, 83.1819



79.0283, 80.1307, 78.3234



17.3914, 17.2839, 18.6509



21.2785, 10.9271, 2.9089



2.0072, 1.0266, 0.4616

Inverse Universe

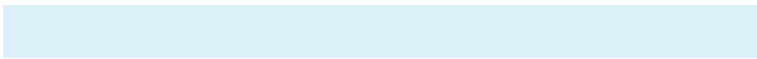
The Inverse Universe completely reimagines the original color for something new.



77.6356, 76.0591, 81.8243



80.4711, 77.6082, 83.1819



77.2557, 84.0325, 100.9559



17.3914, 17.2839, 18.6509



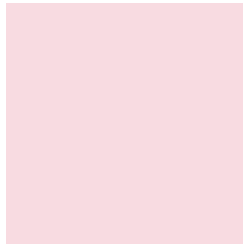
21.2785, 10.9271, 2.9089



2.0072, 1.0266, 0.4616

Previews

White Background



This preview shows how the XYZ color 77.6335, 76.0557, 81.8227 looks on a white background.

Color Contrast Check

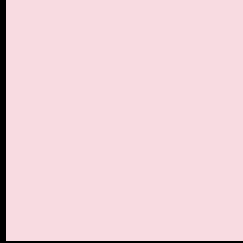
Large Text (above 18pt) WCAG AA × Fail

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 77.6335, 76.0557, 81.8227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

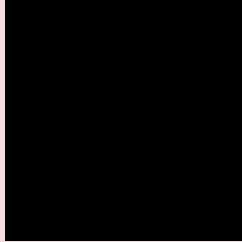
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6335, 76.0557, 81.8227

Background



This preview shows how black text looks on a background with the XYZ color 77.6335, 76.0557, 81.8227.



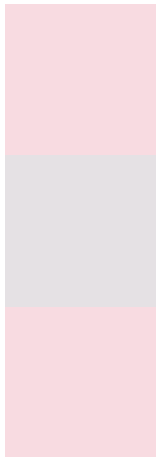
This preview shows how white text looks on a background with the XYZ color 77.6335, 76.0557,

81.8227.

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

77.6335, 76.0557, 81.8227

Protanopia

73.2419, 76.1099, 84.2292

Deuteranopia

77.6335, 76.0557, 81.8227



Tritanopia

79.1337, 76.2807, 89.1501

Trichromacy



Original Color

77.6335, 76.0557, 81.8227

Protanomaly

74.8449, 76.1543, 83.4275

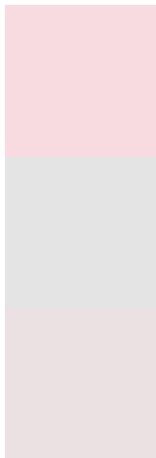
Deuteranomaly

77.6335, 76.0557, 81.8227

Tritanomaly

78.5621, 76.0521, 86.1402

Monochromacy



Original Color

77.6335, 76.0557, 81.8227

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.0513, 77.0586, 83.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6335, 76.0557, 81.8227 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(248, 219, 225) looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 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(248, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.6335, 76.0557, 81.8227 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(248, 219, 225) }
```


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

```
.border{ border-color:rgb(248, 219, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6335, 76.0557, 81.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 225) }
```

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

```
.background{ background-color: rgb(248,  
219, 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](#).

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