

Converting Colors

XYZ(78.0888, 76.7445, 81.2610)

Have a look what the booklet for
XYZ(78.0888, 76.7445, 81.2610)
contains.

XYZ(78.1147, 76.7080, 81.2100)	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(78.1147, 76.7080,
81.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DCE0
RGB	249, 220, 224
RGB Percent	98%, 86%, 88%
CMY	0.0235, 0.1372, 0.1216
CMYK	0.00, 0.12, 0.10, 0.02
HSL	352°, 71%, 92%
HSV	352°, 12%, 98%
XYZ	78.1147, 76.7080, 81.2100
YIQ	229.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

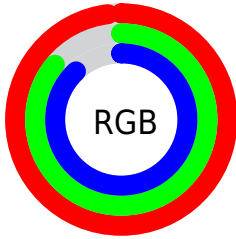
Format	Color
R _Y B	249, 220, 224
Decimal	16375008
CIE Lab	90.19, 10.64, 1.71
CIE LCh	90, 10.780, 9.101
Yxy	76.7080, 0.3309, 0.3250
Android (android.graphics.Color)	4294565088 (0xFFFF9DCE0)
YUV	229.1270, -2.5276, 17.4286
Hunter-Lab	87.5831, 5.9324, 6.3325

Details

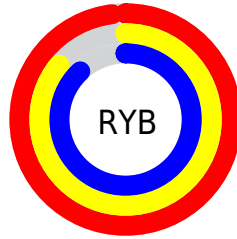
The XYZ color **78.1147, 76.7080, 81.2100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8754, 89.5616, 99.4680**, and the grayscale version is **74.5813, 78.4653, 85.4487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3548, 40.9813, 43.2140** is the 20% darker color. If you saturate the color by 10%, you get **69.3300, 63.5072, 64.8123**, and if you desaturate by 10%, it is **88.2447, 92.0093, 99.8718**.

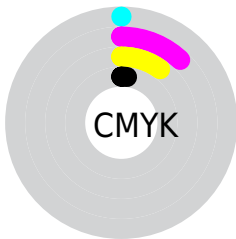
Distribution



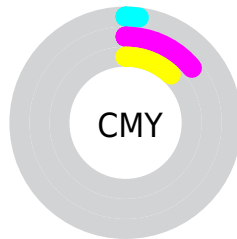
- Red (98%)
- Green (86%)
- Blue (88%)



- Red (98%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1147, 76.7080, 81.2100 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 78.1147, 76.7080, 81.2100 by changing the saturation by 10% instead.


 78.1147, 76.7080,
81.2100

 78.1147, 76.7080,
81.2100


477.3901,
483.7679, 518.8152

 58.4713, 57.0133,
60.1826


129.6763,
128.7272, 136.8923

 42.4324, 41.0159,
43.1395


162.3252,
161.8205, 172.3843

 29.6326, 28.3315,
29.6624


200.0401,
200.1487, 213.5348

 19.7066, 18.5757,
19.3326

243.1862,
244.0962, 260.7625

 12.2890, 11.3641,
11.7316

292.1289,
294.0475, 314.4858

 7.0144, 6.3123,
6.4409

347.2335,

 3.5175, 3.0359,

350.3870, 375.1234

3.0419

408.8655,
413.4990, 443.0937

■ 1.4330, 1.1505,
1.1161

■ 0.2795, 0.0207,
0.0000

■ 78.1147, 76.7080,
81.2100

■ 78.1147, 76.7080,
81.2100

■ 69.3300, 63.5072,
64.8123

■ 88.2447, 92.0093,
99.8718

■ 61.8277, 52.3054,
50.5876

■ 92.8773, 98.8799,
108.7983

■ 55.5493, 43.0082,
38.4458

■ 50.4292, 35.5093,
28.2886

■ 46.3960, 29.6920,
20.0098

■ 43.3697, 25.4260,
13.4932

■ 41.2594, 22.5616,
8.6093

■ 39.9574, 20.9193,
5.2103

■ 39.3606, 20.2573,
3.3726

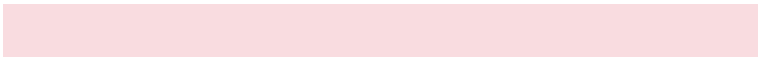
Harmonies

Analogous

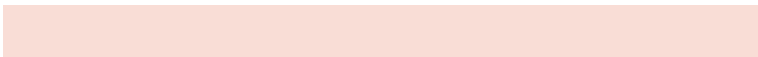
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8281, 76.7080, 88.8965



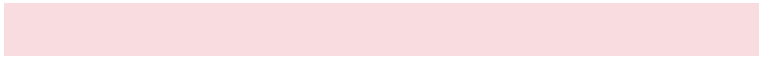
78.1147, 76.7080, 81.2100



76.9801, 76.7080, 74.5581

Triad

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



78.1147, 76.7080, 81.2100



69.7076, 76.7080, 72.5875



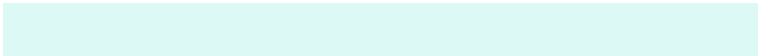
71.0863, 76.7080, 98.0774

Complementary

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



78.1147, 76.7080, 81.2100



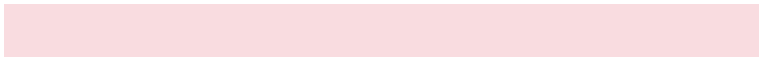
79.8754, 89.5616, 99.4680

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.



68.9834, 76.7080, 93.1769



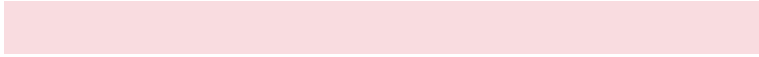
78.1147, 76.7080, 81.2100



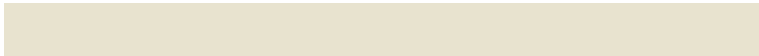
68.2010, 76.7080, 78.3686

Square

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



78.1147, 76.7080, 81.2100



72.0968, 76.7080, 69.7843



67.9392, 76.7080, 85.8774



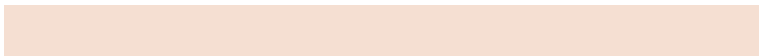
73.7265, 76.7080, 98.9537

Rectangle

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



78.1147, 76.7080, 81.2100



75.5863, 76.7080, 71.4909



67.9392, 76.7080, 85.8774



70.2950, 76.7080, 96.8324

Sweetspot

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



78.1169, 76.7114, 81.2116



91.6140, 94.7982, 102.6054



80.2287, 77.3791, 100.3306



19.4174, 20.0007, 21.6097



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

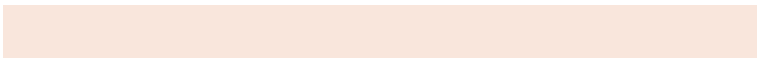
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1169, 76.7114, 81.2116



80.1342, 77.4734, 81.4075



80.3262, 81.9871, 79.3058



17.3420, 17.2642, 18.3907



21.0984, 10.8551, 1.9607



1.9830, 1.0169, 0.3339

Inverse Universe

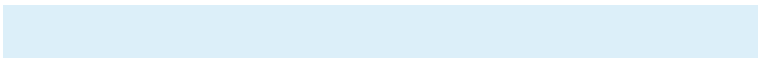
The Inverse Universe completely reimagines the original color for something new.



78.1169, 76.7114, 81.2116



80.1342, 77.4734, 81.4075



77.4395, 83.7031, 101.6983



17.3420, 17.2642, 18.3907



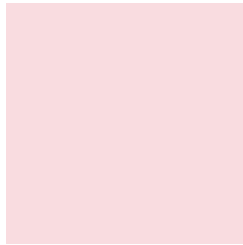
21.0984, 10.8551, 1.9607



1.9830, 1.0169, 0.3339

Previews

White Background



This preview shows how the XYZ color 78.1147, 76.7080, 81.2100 looks on a white background.

Color Contrast Check

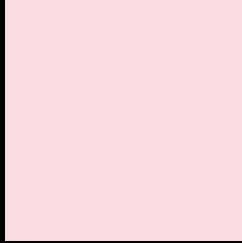
Large Text (above 18pt) WCAG AA × Fail

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 78.1147, 76.7080, 81.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

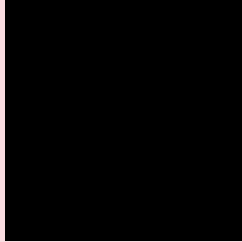
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1147, 76.7080, 81.2100

Background



This preview shows how black text looks on a background with the XYZ color 78.1147, 76.7080, 81.2100.



This preview shows how white text looks on a background with the XYZ color 78.1147, 76.7080,

81.2100.

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

78.1147, 76.7080, 81.2100

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

78.4721, 76.8922, 81.2268



Tritanopia

79.8505, 76.6502, 89.1837

Trichromacy



Original Color

78.1147, 76.7080, 81.2100

Protanomaly

75.6430, 76.9794, 82.8232

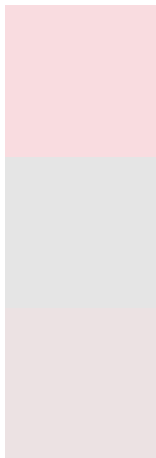
Deuteranomaly

78.4721, 76.8922, 81.2268

Tritanomaly

79.1797, 76.7566, 86.2436

Monochromacy



Original Color

78.1147, 76.7080, 81.2100

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6536, 77.7716, 83.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1147, 76.7080, 81.2100 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, 220, 224) looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 224)  
}
```

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, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 224) }
```

Border

The CSS property to change the border of an element to XYZ 78.1147, 76.7080, 81.2100 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, 220, 224) }
```


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

```
.border{ border-color:rgb(249, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1147, 76.7080, 81.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 224) }
```

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

```
.background{ background-color: rgb(249,  
220, 224) }
```

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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