

Converting Colors

XYZ(78.2165, 76.3034, 85.9182)

Have a look what the booklet for
XYZ(78.2165, 76.3034, 85.9182)
contains.

XYZ(78.1131, 76.2067, 86.1937)	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(78.1131, 76.2067,
86.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE7
RGB	247, 219, 231
RGB Percent	97%, 86%, 91%
CMY	0.0314, 0.1412, 0.0941
CMYK	0.00, 0.11, 0.06, 0.03
HSL	334°, 64%, 91%
HSV	334°, 11%, 97%
XYZ	78.1131, 76.2067, 86.1937
YIQ	228.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

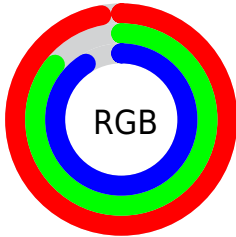
Format	Color
R _Y B	247, 219, 231
Decimal	16243687
CIE Lab	89.96, 11.64, -2.33
CIE LCh	90, 11.872, 348.675
Yxy	76.2067, 0.3248, 0.3168
Android (android.graphics.Color)	4294433767 (0xFFFF7DBE7)
YUV	228.7400, 1.1142, 16.0140
Hunter-Lab	87.2964, 6.9535, 2.5665

Details

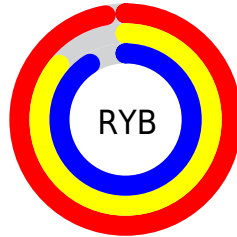
The XYZ color **78.1131, 76.2067, 86.1937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4725, 87.5818, 91.4232**, and the grayscale version is **74.2724, 78.1404, 85.0948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4992, 40.7224, 46.1777** is the 20% darker color. If you saturate the color by 10%, you get **70.2276, 63.4979, 74.1223**, and if you desaturate by 10%, it is **87.1199, 90.8987, 99.4341**.

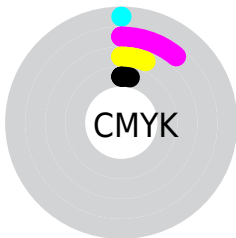
Distribution



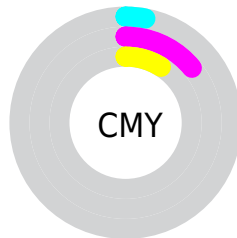
- Red (97%)
- Green (86%)
- Blue (91%)



- Red (97%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1131, 76.2067, 86.1937 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 78.1131, 76.2067, 86.1937 by changing the saturation by 10% instead.

78.1131, 76.2067,
86.1937

78.1131, 76.2067,
86.1937

477.3848,
482.0550, 535.8169

58.4700, 56.6020,
64.2723

129.6741,
128.0190, 143.9287

42.4313, 40.6858,
46.4237

162.3226,
160.9955, 180.5794

29.6318, 28.0737,
32.2292

200.0371,
199.1980, 222.9770

19.7059, 18.3812,
21.2704

243.1828,
243.0109, 271.5400

12.2885, 11.2240,
13.1286

292.1250,
292.8187, 326.6870

7.0141, 6.2177,
7.3854

347.2292,

3.5173, 2.9779,

349.0057, 388.8364

3.6222

408.8607,
411.9563, 458.4069

■ 1.4329, 1.1202,
1.4205

■ 0.2795, 0.0000,
0.1576

■ 78.1131, 76.2067,
86.1937

■ 78.1131, 76.2067,
86.1937

■ 70.2276, 63.4979,
74.1223

■ 87.1199, 90.8987,
99.4341

■ 63.4111, 52.6769,
63.1811

■ 92.1682, 98.5144,
108.7651

■ 57.6168, 43.6553,
53.3361

■ 52.7918, 36.3337,
44.5495

■ 48.8780, 30.6029,
36.7812

■ 45.8110, 26.3409,
29.9877

■ 43.5170, 23.4076,
24.1214

■ 41.9081, 21.6354,
19.1287

■ 40.9513, 20.8116,
15.4500

Harmonies

Analogous

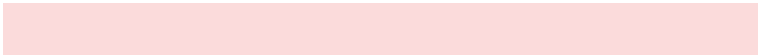
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7574, 76.2067, 94.1233



78.1131, 76.2067, 86.1937



77.9162, 76.2067, 77.9034

Triad

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



78.1131, 76.2067, 86.1937



70.6386, 76.2067, 68.5750



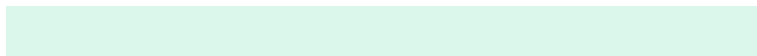
68.7659, 76.2067, 95.7271

Complementary

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



78.1131, 76.2067, 86.1937



77.4725, 87.5818, 91.4232

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.



67.2117, 76.2067, 88.2644



78.1131, 76.2067, 86.1937



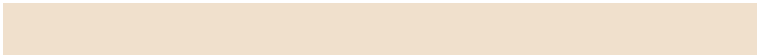
68.2726, 76.2067, 72.7458

Square

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



78.1131, 76.2067, 86.1937



73.5471, 76.2067, 68.1034



67.0336, 76.2067, 79.8397



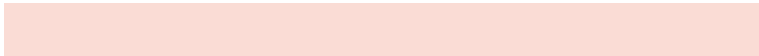
71.3286, 76.2067, 99.8703

Rectangle

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



78.1131, 76.2067, 86.1937



76.9321, 76.2067, 73.2722



67.0336, 76.2067, 79.8397



68.1112, 76.2067, 93.5012

Sweetspot

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



78.1153, 76.2100, 86.1953



91.9619, 94.9374, 104.4374



76.3397, 75.0216, 98.4538



19.5110, 20.0381, 22.1028



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

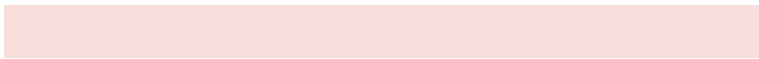
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1153, 76.2100, 86.1953



81.5871, 78.0546, 89.0583



76.9679, 76.5346, 77.7378



16.7939, 16.6004, 18.6611



21.7254, 11.0336, 8.5283



1.9598, 0.9899, 1.0149

Inverse Universe

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



78.1153, 76.2100, 86.1953



81.5871, 78.0546, 89.0583



78.6971, 87.1629, 100.6731



16.7939, 16.6004, 18.6611



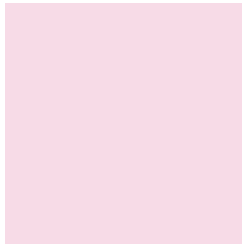
21.7254, 11.0336, 8.5283



1.9598, 0.9899, 1.0149

Previews

White Background



This preview shows how the XYZ color 78.1131, 76.2067, 86.1937 looks on a white background.

Color Contrast Check

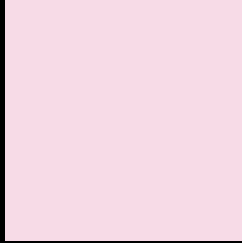
Large Text (above 18pt) WCAG AA × Fail

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 78.1131, 76.2067, 86.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

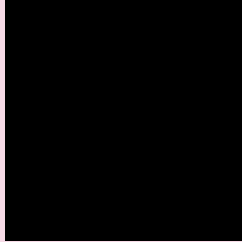
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1131, 76.2067, 86.1937

Background



This preview shows how black text looks on a background with the XYZ color 78.1131, 76.2067, 86.1937.



This preview shows how white text looks on a background with the XYZ color 78.1131, 76.2067,

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

78.1131, 76.2067, 86.1937

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

77.7614, 76.0254, 86.1772



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

78.1131, 76.2067, 86.1937

Protanomaly

75.4999, 76.3780, 88.6051

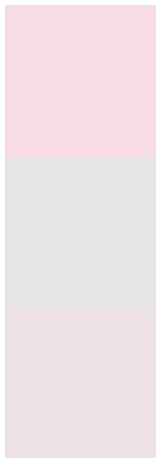
Deuteranomaly

77.7614, 76.0254, 86.1772

Tritanomaly

78.6341, 76.0398, 88.3746

Monochromacy



Original Color

78.1131, 76.2067, 86.1937

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.8002, 77.3965, 85.8068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1131, 76.2067, 86.1937 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(247, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 231)  
}
```

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(247, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.1131, 76.2067, 86.1937 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(247, 219, 231) }
```


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

```
.border{ border-color:rgb(247, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1131, 76.2067, 86.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 231) }
```

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

```
.background{ background-color: rgb(247,  
219, 231) }
```

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