

Converting Colors

XYZ(81.1771, 78.7633, 87.4467)

Have a look what the booklet for
XYZ(81.1771, 78.7633, 87.4467)
contains.

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Color

**XYZ(81.1948, 78.9514,
87.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDEE8
RGB	253, 222, 232
RGB Percent	99%, 87%, 91%
CMY	0.0078, 0.1294, 0.0902
CMYK	0.00, 0.12, 0.08, 0.01
HSL	341°, 89%, 93%
HSV	341°, 12%, 99%
XYZ	81.1948, 78.9514, 87.3036
YIQ	232.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

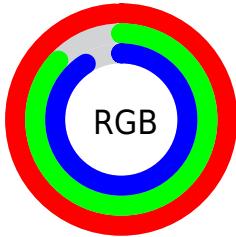
Format	Color
R _Y B	253, 222, 232
Decimal	16637672
CIE Lab	91.21, 12.30, -0.95
CIE LCh	91, 12.339, 355.562
Yxy	78.9514, 0.3281, 0.3191
Android (android.graphics.Color)	4294827752 (0xFFFDDEE8)
YUV	232.4090, -0.2016, 18.0583
Hunter-Lab	88.8546, 7.6167, 3.9432

Details

The XYZ color **81.1948, 78.9514, 87.3036** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4303, 92.2533, 98.3135**, and the grayscale version is **77.0035, 81.0137, 88.2239**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4201, 42.5078, 46.9379** is the 20% darker color. If you saturate the color by 10%, you get **72.6558, 65.5810, 73.0249**, and if you desaturate by 10%, it is **90.9841, 94.4402, 103.1727**.

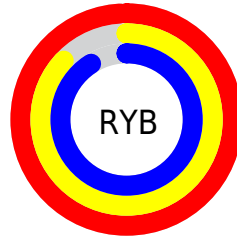
Distribution



Red (99%)

Green (87%)

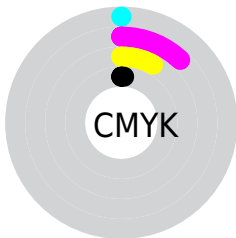
Blue (91%)



Red (99%)

Yellow (87%)

Blue (91%)

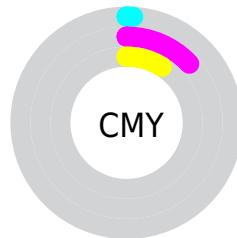


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1948, 78.9514, 87.3036 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 81.1948, 78.9514, 87.3036 by changing the saturation by 10% instead.


 81.1948, 78.9514,
87.3036

 81.1948, 78.9514,
87.3036


487.6258,
491.3919, 539.5621

 61.0139, 58.8559,
65.1854


133.9860,
131.8904, 145.4898

 44.4890, 42.4971,
47.1591


167.3270,
165.5027, 182.3950

 31.2547, 29.4907,
32.8062


205.7854,
204.3894, 225.0662

 20.9456, 19.4524,
21.7082

249.7265,
248.9348, 273.9220

 13.1965, 11.9976,
13.4463

299.5158,
299.5233, 329.3809

 7.6419, 6.7420,
7.6023

355.5185,

 3.9166, 3.3013,

356.5395, 391.8616

3.7574

418.1000,
420.3675, 461.7824

■ 1.6550, 1.2910,
1.4932

■ 0.4279, 0.1342,
0.2129

■ 81.1948, 78.9514,
87.3036

■ 81.1948, 78.9514,
87.3036

■ 72.6558, 65.5810,
73.0249

■ 90.9841, 94.4402,
103.1727

■ 65.3088, 54.2265,
60.2809

94.3185, 99.6229,
108.8658

■ 59.1009, 44.7921,
49.0200

■ 53.9723, 37.1704,
39.1857

■ 49.8577, 31.2432,
30.7174

■ 46.6842, 26.8780,
23.5500

■ 44.3686, 23.9226,
17.6120

■ 42.8114, 22.1933,
12.8232

■ 42.0159, 21.4858,
9.8336

Harmonies

Analogous

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



80.1084, 78.9514, 96.0720



81.1948, 78.9514, 87.3036



80.5952, 78.9514, 78.7485

Triad

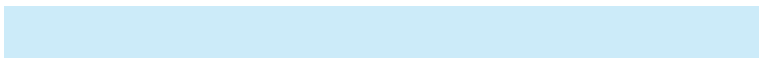
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1948, 78.9514, 87.3036



72.4770, 78.9514, 71.3512



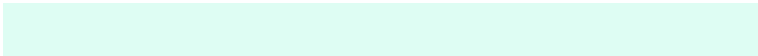
71.6927, 78.9514, 100.9584

Complementary

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



81.1948, 78.9514, 87.3036



81.4303, 92.2533, 98.3135

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.



69.7479, 78.9514, 93.6087



81.1948, 78.9514, 87.3036



70.1918, 78.9514, 76.5923

Square

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



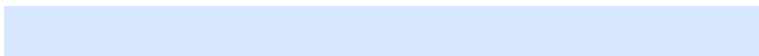
81.1948, 78.9514, 87.3036



75.5070, 78.9514, 69.9183



69.2061, 78.9514, 84.6395



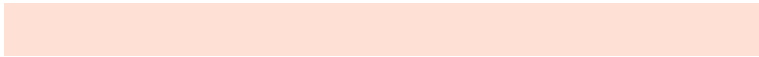
74.5768, 78.9514, 104.2955

Rectangle

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



81.1948, 78.9514, 87.3036



79.3286, 78.9514, 74.2496



69.2061, 78.9514, 84.6395



70.9107, 78.9514, 98.8514

Sweetspot

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



81.1970, 78.9549, 87.3053



90.7891, 93.2267, 102.0891



80.7009, 78.3336, 103.7961



19.2661, 19.6903, 21.5835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

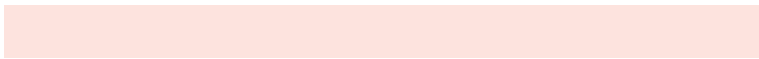
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1970, 78.9549, 87.3053



80.1432, 76.4188, 84.7173



81.2102, 81.1894, 80.5023



18.2508, 18.0836, 19.9378



22.4094, 11.4531, 5.5404



2.2294, 1.1341, 0.7896

Inverse Universe

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



81.1970, 78.9549, 87.3053



80.1432, 76.4188, 84.7173



81.3727, 89.6561, 105.9462



18.2508, 18.0836, 19.9378



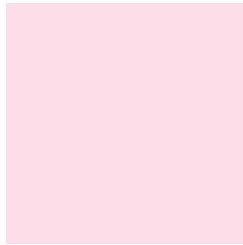
22.4094, 11.4531, 5.5404



2.2294, 1.1341, 0.7896

Previews

White Background



This preview shows how the XYZ color 81.1948, 78.9514, 87.3036 looks on a white background.

Color Contrast Check

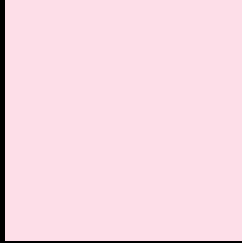
Large Text (above 18pt) WCAG AA × Fail

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 81.1948, 78.9514, 87.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

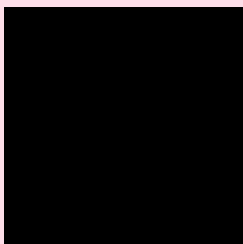
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1948, 78.9514, 87.3036

Background



This preview shows how black text looks on a background with the XYZ color 81.1948, 78.9514, 87.3036.

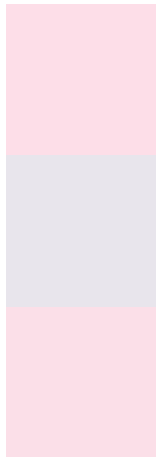


This preview shows how white text looks on a background with the XYZ color 81.1948, 78.9514,

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

81.1948, 78.9514, 87.3036

Protanopia

76.4383, 79.2506, 90.6250

Deuteranopia

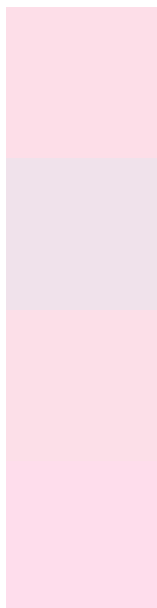
80.7368, 79.1108, 87.3585



Tritanopia

82.1621, 78.9568, 91.7987

Trichromacy



Original Color

81.1948, 78.9514, 87.3036

Protanomaly

78.1269, 78.9161, 89.7119

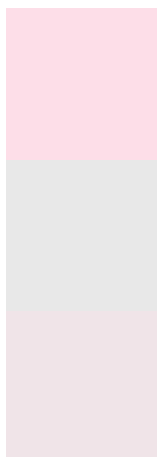
Deuteranomaly

81.0980, 79.2970, 87.3755

Tritanomaly

81.8698, 78.8399, 90.2595

Monochromacy



Original Color

81.1948, 78.9514, 87.3036

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.2441, 79.8383, 87.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1948, 78.9514, 87.3036 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(253, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 232)  
}
```

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(253, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.1948, 78.9514, 87.3036 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(253, 222, 232) }
```


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

```
.border{ border-color:rgb(253, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1948, 78.9514, 87.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 232) }
```

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

```
.background{ background-color: rgb(253,  
222, 232) }
```

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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