

Converting Colors

XYZ(80.5668, 78.2345, 87.1984)

Have a look what the booklet for
XYZ(80.5668, 78.2345, 87.1984)
contains.

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Color

**XYZ(80.5668, 78.2345,
87.1984)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCDDE8 |
| RGB | 252, 221, 232 |
| RGB Percent | 99%, 87%, 91% |
| CMY | 0.0118, 0.1333, 0.0902 |
| CMYK | 0.00, 0.12, 0.08, 0.01 |
| HSL | 339°, 84%, 93% |
| HSV | 339°, 12%, 99% |
| XYZ | 80.5668, 78.2345, 87.1984 |
| YIQ | 231.5230, 14.9450, 9.9930 |

Conversions

Conversions Part 2

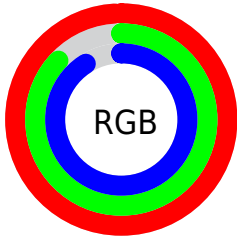
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 221, 232 |
| Decimal | 16571880 |
| CIE Lab | 90.89, 12.48, -1.44 |
| CIE LCh | 91, 12.562, 353.411 |
| Yxy | 78.2345, 0.3275, 0.3180 |
| Android (android.graphics.Color) | 4294761960 (0xFFFCDD E8) |
| YUV | 231.5230, 0.2352, 17.9583 |
| Hunter-Lab | 88.4503, 7.8025, 3.4643 |

Details

The XYZ color **80.5668, 78.2345, 87.1984** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5094, 91.3458, 96.6116**, and the grayscale version is **76.3377, 80.3132, 87.4610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9784, 42.0091, 46.8650** is the 20% darker color. If you saturate the color by 10%, you get **72.2027, 65.0324, 73.5375**, and if you desaturate by 10%, it is **90.1477, 93.5262, 102.3211**.

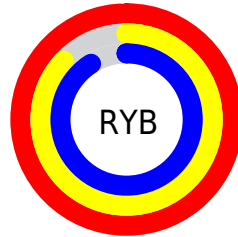
Distribution



Red (99%)

Green (87%)

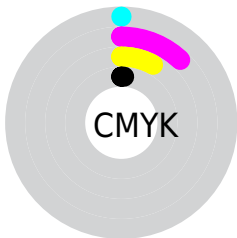
Blue (91%)



Red (99%)

Yellow (87%)

Blue (91%)

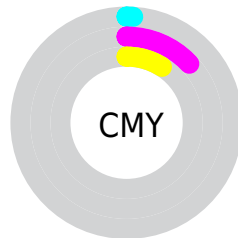


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5668, 78.2345, 87.1984 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 80.5668, 78.2345, 87.1984 by changing the saturation by 10% instead.


 80.5668, 78.2345,
87.1984

 80.5668, 78.2345,
87.1984

485.5484,
488.9628, 539.2077

 60.4950, 58.2666,
65.0988


133.1087,
130.8806, 145.3420

 44.0687, 42.0230,
47.0894


166.3094,
164.3277, 182.2230

 30.9227, 29.1193,
32.7515


204.6172,
203.0366, 224.8684

 20.6915, 19.1711,
21.6666

248.3973,
247.3918, 273.6965

 13.0099, 11.7940,
13.4161

298.0151,
297.7776, 329.1259

 7.5124, 6.6036,
7.5816

353.8360,

 3.8337, 3.2154,

354.5785, 391.5753

3.7445

416.2253,
418.1787, 461.4630

■ 1.6085, 1.2452,
1.4863

■ 0.3979, 0.0982,
0.2077

■ 80.5668, 78.2345,
87.1984

■ 80.5668, 78.2345,
87.1984

■ 72.2027, 65.0324,
73.5375

■ 90.1477, 93.5262,
102.3211

■ 64.9986, 53.8186,
61.2883

■ 93.9553, 99.4357,
108.8488

■ 58.9030, 44.4987,
50.4048

■ 53.8579, 36.9666,
40.8366

■ 49.7996, 31.1057,
32.5299

■ 46.6571, 26.7852,
25.4263

■ 44.3494, 23.8547,
19.4624

■ 42.7794, 22.1329,
14.5667

■ 41.9653, 21.4236,
11.4625

Harmonies

Analogous

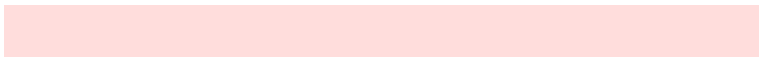
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3509, 78.2345, 95.9946



80.5668, 78.2345, 87.1984



80.0819, 78.2345, 78.4486

Triad

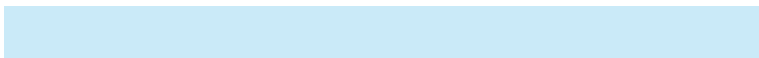
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5668, 78.2345, 87.1984



71.9689, 78.2345, 70.1779



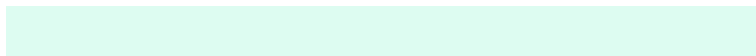
70.7927, 78.2345, 99.9501

Complementary

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



80.5668, 78.2345, 87.1984



80.5094, 91.3458, 96.6116

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.



68.9165, 78.2345, 92.2944



80.5668, 78.2345, 87.1984



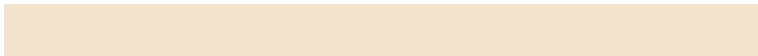
69.5820, 78.2345, 75.2172

Square

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



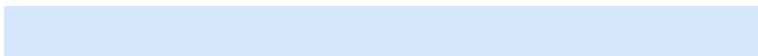
80.5668, 78.2345, 87.1984



75.0596, 78.2345, 69.0251



68.4796, 78.2345, 83.2010



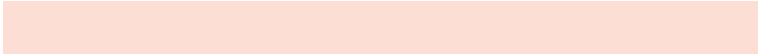
73.6639, 78.2345, 103.6864

Rectangle

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



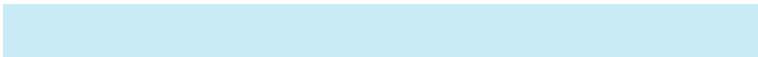
80.5668, 78.2345, 87.1984



78.8660, 78.2345, 73.7650



68.4796, 78.2345, 83.2010



70.0281, 78.2345, 97.7247

Sweetspot

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



80.5690, 78.2379, 87.2001



90.8402, 93.2472, 102.3584



79.5804, 77.3812, 102.8382



19.2790, 19.6954, 21.6515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

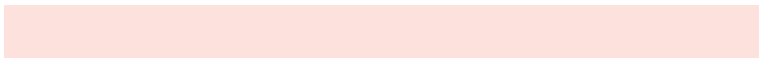
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5690, 78.2379, 87.2001



80.3163, 76.4881, 85.6288



80.1599, 79.8418, 79.5968



17.4989, 17.3269, 19.2171



21.9233, 11.1850, 6.3045



2.0788, 1.0553, 0.8386

Inverse Universe

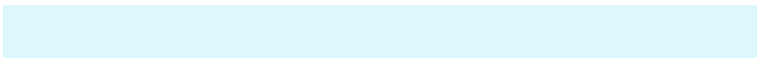
The Inverse Universe completely reimagines the original color for something new.



80.5690, 78.2379, 87.2001



80.3163, 76.4881, 85.6288



80.9184, 89.4554, 105.0982



17.4989, 17.3269, 19.2171



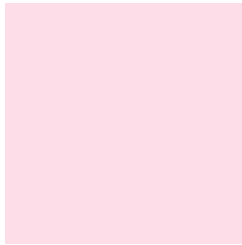
21.9233, 11.1850, 6.3045



2.0788, 1.0553, 0.8386

Previews

White Background



This preview shows how the XYZ color 80.5668, 78.2345, 87.1984 looks on a white background.

Color Contrast Check

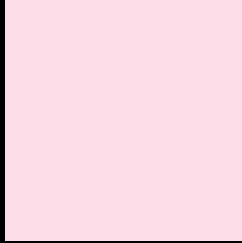
Large Text (above 18pt) WCAG AA × Fail

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 80.5668, 78.2345, 87.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

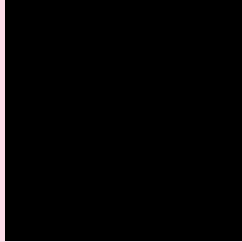
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5668, 78.2345, 87.1984

Background



This preview shows how black text looks on a background with the XYZ color 80.5668, 78.2345, 87.1984.



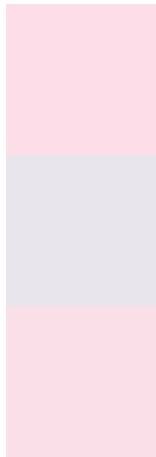
This preview shows how white text looks on a background with the XYZ color 80.5668, 78.2345,

87.1984.

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

80.5668, 78.2345, 87.1984

Protanopia

75.8387, 78.5319, 90.5179

Deuteranopia

80.1111, 78.3927, 87.2529



Tritanopia

81.3873, 78.1835, 90.9221

Trichromacy



Original Color

80.5668, 78.2345, 87.1984

Protanomaly

77.5172, 78.1993, 89.6056

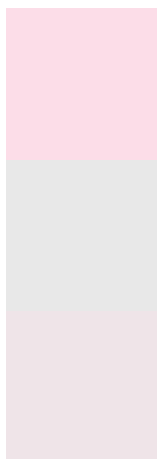
Deuteranomaly

80.4704, 78.5780, 87.2697

Tritanomaly

81.0966, 78.0672, 89.3915

Monochromacy



Original Color

80.5668, 78.2345, 87.1984

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.9055, 79.6637, 87.6145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5668, 78.2345, 87.1984 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(252, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 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(252, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 80.5668, 78.2345, 87.1984 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(252, 221, 232) }
```


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

```
.border{ border-color:rgb(252, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5668, 78.2345, 87.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 232) }
```

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

```
.background{ background-color: rgb(252,  
221, 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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