

Converting Colors

XYZ(80.9840, 78.1087, 84.9719)

Have a look what the booklet for
XYZ(80.9840, 78.1087, 84.9719)
contains.

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Color

**XYZ(80.9761, 78.1035,
84.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE5
RGB	255, 220, 229
RGB Percent	100%, 86%, 90%
CMY	0.0000, 0.1372, 0.1020
CMYK	0.00, 0.14, 0.10, 0.00
HSL	345°, 100%, 93%
HSV	345°, 14%, 100%
XYZ	80.9761, 78.1035, 84.9363
YIQ	231.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

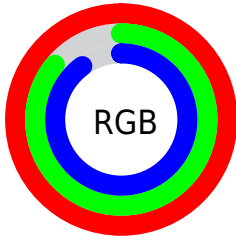
Format	Color
R_{YB}	255, 220, 229
Decimal	16768229
CIE _{Lab}	90.83, 13.54, 0.08
CIE _{LCh}	91, 13.536, 0.321
Yxy	78.1035, 0.3318, 0.3201
Android (android.graphics.Color)	4294958309 (0xFFFFDCE5)
YUV	231.4910, -1.2281, 20.6174
Hunter-Lab	88.3762, 8.8952, 4.8811

Details

The XYZ color **80.9761, 78.1035, 84.9363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9122, 93.3907, 100.9013**, and the grayscale version is **76.3225, 80.2972, 87.4436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3838, 41.9720, 45.8065** is the 20% darker color. If you saturate the color by 10%, you get **72.2845, 64.7251, 69.6931**, and if you desaturate by 10%, it is **90.9806, 93.6453, 102.0435**.

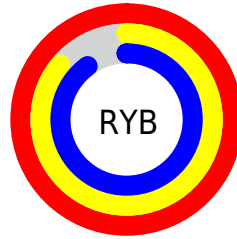
Distribution



Red (100%)

Green (86%)

Blue (90%)



Red (100%)

Yellow (86%)

Blue (90%)

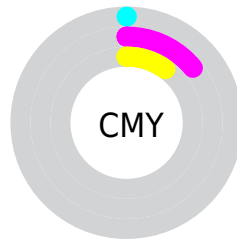


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9761, 78.1035, 84.9363 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 80.9761, 78.1035, 84.9363 by changing the saturation by 10% instead.


 80.9761, 78.1035,
84.9363

 80.9761, 78.1035,
84.9363


486.9029,
488.5183, 531.5564

 60.8331, 58.1590,
63.2389


133.6805,
130.6960, 142.1575

 44.3425, 41.9365,
45.5923


166.9727,
164.1128, 178.5185

 31.1390, 29.0516,
31.5778

205.3787,
202.7892, 220.6043

 20.8570, 19.1198,
20.7771

249.2638,
247.1095, 268.8336

 13.1314, 11.7569,
12.7715

298.9935,
297.4582, 323.6250

 7.5967, 6.5784,
7.1425

354.9329,

 3.8876, 3.1998,

354.2196, 385.3968

3.4716

417.4476,
417.7782, 454.5678

■ 1.6388, 1.2369,
1.3402

■ 0.4175, 0.0916,
0.0944

■ 80.9761, 78.1035,
84.9363

■ 80.9761, 78.1035,
84.9363

■ 72.2845, 64.7251,
69.6931

■ 90.9806, 93.6453,
102.0435

■ 64.8453, 53.4046,
56.2450

95.0500, 100.0000,
108.9000

■ 58.6010, 44.0421,
44.5260

■ 53.4872, 36.5255,
34.4641

■ 49.4335, 30.7312,
25.9819

■ 46.3611, 26.5205,
18.9954

■ 44.1797, 23.7328,
13.4123

■ 42.7806, 22.1728,
9.1282

■ 42.2102, 21.6481,
7.0388

Harmonies

Analogous

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



80.0695, 78.1035, 94.6669



80.9761, 78.1035, 84.9363



80.0309, 78.1035, 75.9225

Triad

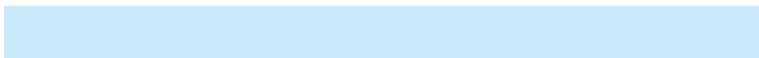
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9761, 78.1035, 84.9363



70.9787, 78.1035, 69.8616



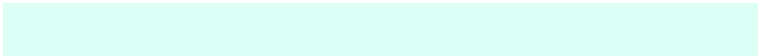
71.0404, 78.1035, 102.3937

Complementary

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



80.9761, 78.1035, 84.9363



81.9122, 93.3907, 100.9013

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.



68.7260, 78.1035, 94.8627



80.9761, 78.1035, 84.9363



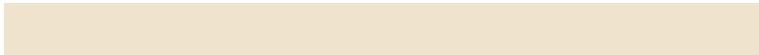
68.6911, 78.1035, 76.0916

Square

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



80.9761, 78.1035, 84.9363



74.1983, 78.1035, 67.6362



67.8789, 78.1035, 85.1467



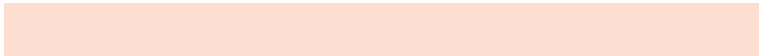
74.2718, 78.1035, 105.2024

Rectangle

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



80.9761, 78.1035, 84.9363



78.4940, 78.1035, 71.4118



67.8789, 78.1035, 85.1467



70.1330, 78.1035, 100.3035

Sweetspot

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



80.9778, 78.1067, 84.9379



90.6857, 93.1854, 101.5444



81.5345, 77.9424, 105.3548



19.2400, 19.6798, 21.4460



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

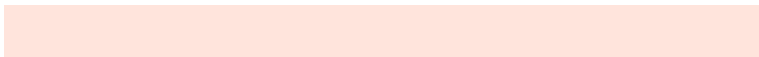
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9778, 78.1067, 84.9379



78.8853, 74.8737, 81.3056



81.9496, 82.0087, 79.2243



18.2010, 18.0637, 19.6755



22.1066, 11.3319, 3.9459



2.1946, 1.1202, 0.6061

Inverse Universe

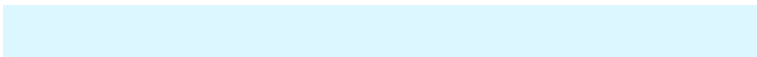
The Inverse Universe completely reimagines the original color for something new.



80.9778, 78.1067, 84.9379



78.8853, 74.8737, 81.3056



80.7772, 88.8570, 107.5015



18.2010, 18.0637, 19.6755



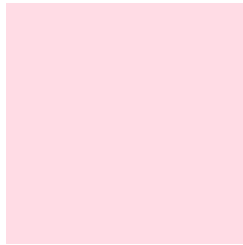
22.1066, 11.3319, 3.9459



2.1946, 1.1202, 0.6061

Previews

White Background



This preview shows how the XYZ color 80.9761, 78.1035, 84.9363 looks on a white background.

Color Contrast Check

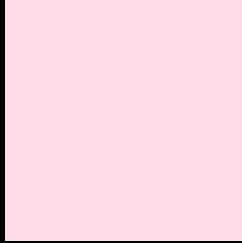
Large Text (above 18pt) WCAG AA × Fail

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 80.9761, 78.1035, 84.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

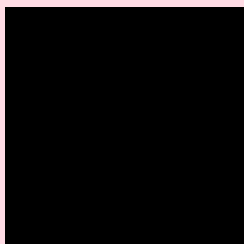
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9761, 78.1035, 84.9363

Background



This preview shows how black text looks on a background with the XYZ color 80.9761, 78.1035, 84.9363.



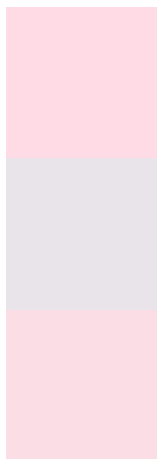
This preview shows how white text looks on a background with the XYZ color 80.9761, 78.1035,

84.9363.

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

80.9761, 78.1035, 84.9363

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

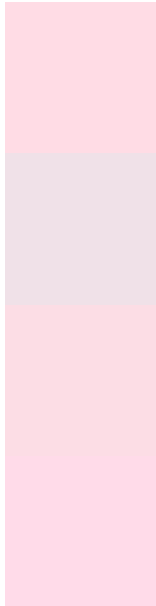
80.0478, 78.4089, 85.0442



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

80.9761, 78.1035, 84.9363

Protanomaly

77.4259, 78.2019, 87.3576

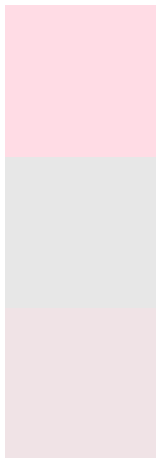
Deuteranomaly

80.1442, 78.0655, 84.9728

Tritanomaly

81.2795, 77.8062, 87.8250

Monochromacy



Original Color

80.9761, 78.1035, 84.9363

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.6872, 79.1766, 86.0510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9761, 78.1035, 84.9363 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(255, 220, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 229)  
}
```

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(255, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 229) }
```

Border

The CSS property to change the border of an element to XYZ 80.9761, 78.1035, 84.9363 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(255, 220, 229) }
```


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

```
.border{ border-color:rgb(255, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 229); box-shadow:4px 4px 4px 4px rgb(255, 220, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9761, 78.1035, 84.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 229) }
```

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

```
.background{ background-color: rgb(255,  
220, 229) }
```

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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