

Converting Colors

XYZ(124.6149, 100.0000,
86.0109)

Have a look what the booklet for
XYZ(124.6149, 100.0000, 86.0109)
contains.

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Color

**XYZ(80.3150, 77.0042,
84.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAE4
RGB	255, 218, 228
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1451, 0.1059
CMYK	0.00, 0.15, 0.11, 0.00
HSL	344°, 100%, 93%
HSV	344°, 15%, 100%
XYZ	80.3150, 77.0042, 84.0290
YIQ	230.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

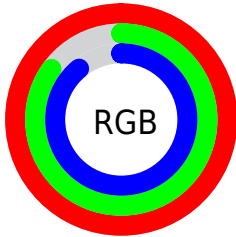
Format	Color
R _Y B	255, 218, 228
Decimal	16767716
CIE Lab	90.32, 14.41, -0.13
CIE LCh	90, 14.414, 359.466
Yxy	77.0042, 0.3328, 0.3191
Android (android.graphics.Color)	4294957796 (0xFFFFDAE4)
YUV	230.2030, -1.0861, 21.7470
Hunter-Lab	87.7520, 9.8060, 4.6519

Details

The XYZ color **80.3150, 77.0042, 84.0290** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1573, 93.0192, 100.0668**, and the grayscale version is **75.3636, 79.2884, 86.3450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9287, 41.2173, 45.1756** is the 20% darker color. If you saturate the color by 10%, you get **71.7581, 63.8047, 69.1094**, and if you desaturate by 10%, it is **90.1708, 92.3559, 100.7557**.

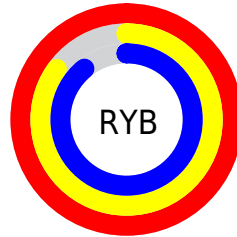
Distribution



Red (100%)

Green (85%)

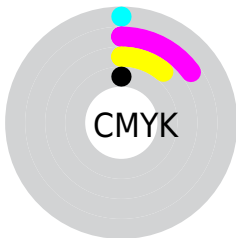
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

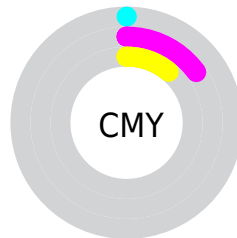


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3150, 77.0042, 84.0290 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 80.3150, 77.0042, 84.0290 by changing the saturation by 10% instead.

80.3150, 77.0042,
84.0290

80.3150, 77.0042,
84.0290

484.7142,
484.7783, 528.4701

60.2870, 57.2563,
62.4939

132.7567,
129.1454, 140.8778

43.9003, 41.2111,
44.9935

165.9011,
162.3075, 177.0286

30.7897, 28.4840,
31.1094

204.1483,
200.7099, 218.8883

20.5898, 18.6909,
20.4230

247.8637,
244.7368, 266.8755

12.9353, 11.4471,
12.5158

297.4126,
294.7727, 321.4088

7.4607, 6.3684,
6.9692

353.1604,

3.8007, 3.0704,

351.2020, 382.9066

3.3647

415.4725,
414.4091, 451.7875

■ 1.5900, 1.1686,
1.2837

■ 0.3859, 0.0358,
0.0484

■ 80.3150, 77.0042,
84.0290

■ 80.3150, 77.0042,
84.0290

■ 71.7581, 63.8047,
69.1094

■ 90.1708, 92.3559,
100.7557

■ 64.4397, 52.6516,
55.9305

95.0500, 100.0000,
108.9000

■ 58.3025, 43.4444,
44.4287

■ 53.2823, 36.0706,
34.5346

■ 49.3087, 30.4059,
26.1737

■ 46.3029, 26.3102,
19.2651

■ 44.1742, 23.6213,
13.7199

■ 42.8128, 22.1405,
9.4373

■ 42.3111, 21.6884,
7.5701

Harmonies

Analogous

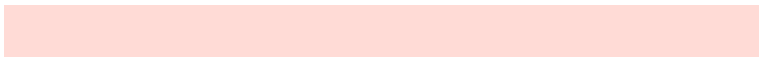
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3008, 77.0042, 94.2991



80.3150, 77.0042, 84.0290



79.3687, 77.0042, 74.4873

Triad

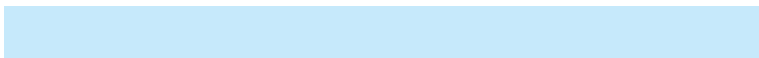
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3150, 77.0042, 84.0290



69.8455, 77.0042, 67.7772



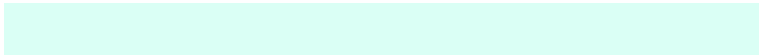
69.7375, 77.0042, 102.0589

Complementary

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



80.3150, 77.0042, 84.0290



81.1573, 93.0192, 100.0668

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.



67.3409, 77.0042, 93.9542



80.3150, 77.0042, 84.0290



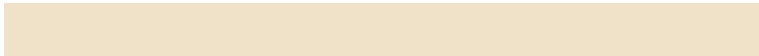
67.4018, 77.0042, 74.1926

Square

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



80.3150, 77.0042, 84.0290



73.2546, 77.0042, 65.5822



66.4997, 77.0042, 83.6602



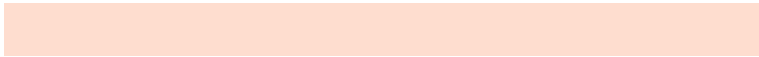
73.1258, 77.0042, 105.2166

Rectangle

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



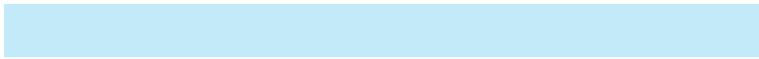
80.3150, 77.0042, 84.0290



77.7705, 77.0042, 69.6937



66.4997, 77.0042, 83.6602



68.7933, 77.0042, 99.7917

Sweetspot

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



80.3167, 77.0074, 84.0306



90.7064, 93.1936, 101.6536



80.6113, 76.6918, 105.1621



19.2452, 19.6819, 21.4735



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

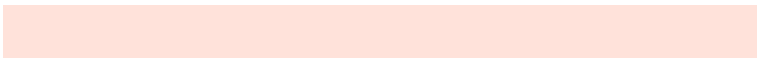
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3167, 77.0074, 84.0306



78.0644, 73.5195, 80.1451



81.0978, 80.7266, 77.6412



18.2109, 18.0677, 19.7279



22.1613, 11.3538, 4.2340



2.2011, 1.1228, 0.6403

Inverse Universe

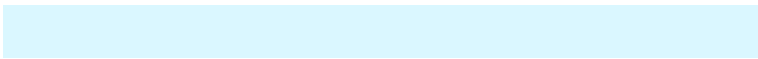
The Inverse Universe completely reimagines the original color for something new.



80.3167, 77.0074, 84.0306



78.0644, 73.5195, 80.1451



80.2213, 88.6385, 107.4886



18.2109, 18.0677, 19.7279



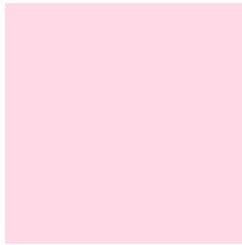
22.1613, 11.3538, 4.2340



2.2011, 1.1228, 0.6403

Previews

White Background



This preview shows how the XYZ color 80.3150, 77.0042, 84.0290 looks on a white background.

Color Contrast Check

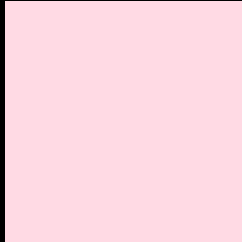
Large Text (above 18pt) WCAG AA × Fail

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 80.3150, 77.0042, 84.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

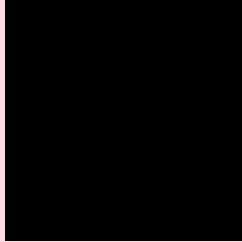
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3150, 77.0042, 84.0290

Background



This preview shows how black text looks on a background with the XYZ color 80.3150, 77.0042, 84.0290.



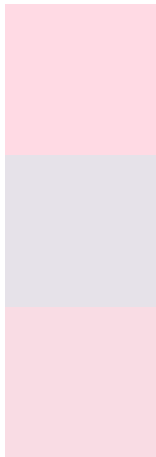
This preview shows how white text looks on a background with the XYZ color 80.3150, 77.0042,

84.0290.

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

80.3150, 77.0042, 84.0290

Protanopia

74.5375, 77.0989, 88.0438

Deuteranopia

78.6637, 76.9276, 84.1013



Tritanopia

80.9041, 76.8262, 88.4067

Trichromacy



Original Color

80.3150, 77.0042, 84.0290

Protanomaly

76.4081, 76.8956, 86.4165

Deuteranomaly

79.1188, 76.7737, 84.0476

Tritanomaly

80.6183, 76.7119, 86.9018

Monochromacy



Original Color

80.3150, 77.0042, 84.0290

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.9358, 78.4006, 85.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3150, 77.0042, 84.0290 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, 218, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 228)  
}
```

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, 218, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 228) }
```

Border

The CSS property to change the border of an element to XYZ 80.3150, 77.0042, 84.0290 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, 218, 228) }
```


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

```
.border{ border-color:rgb(255, 218, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3150, 77.0042, 84.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 228) }
```

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

```
.background{ background-color: rgb(255,  
218, 228) }
```

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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