

Converting Colors

XYZ(80.5709, 77.5246, 84.0883)

Have a look what the booklet for
XYZ(80.5709, 77.5246, 84.0883)
contains.

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Color

**XYZ(80.5751, 77.5245,
84.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBE4
RGB	255, 219, 228
RGB Percent	100%, 86%, 89%
CMY	0.0000, 0.1412, 0.1059
CMYK	0.00, 0.14, 0.11, 0.00
HSL	345°, 100%, 93%
HSV	345°, 14%, 100%
XYZ	80.5751, 77.5245, 84.1157
YIQ	230.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

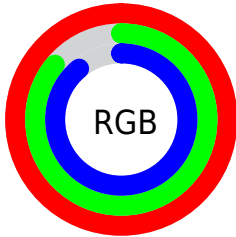
Format	Color
R _Y B	255, 219, 228
Decimal	16767972
CIE Lab	90.56, 13.89, 0.21
CIE LCh	91, 13.895, 0.885
Yxy	77.5245, 0.3327, 0.3201
Android (android.graphics.Color)	4294958052 (0xFFFFDBE4)
YUV	230.7900, -1.3755, 21.2322
Hunter-Lab	88.0480, 9.2662, 4.9915

Details

The XYZ color **80.5751, 77.5245, 84.1157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6105, 93.2351, 100.8874**, and the grayscale version is **75.8014, 79.7489, 86.8466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1070, 41.5738, 45.2350** is the 20% darker color. If you saturate the color by 10%, you get **71.9151, 64.2213, 68.8456**, and if you desaturate by 10%, it is **90.5516, 92.9897, 101.2761**.

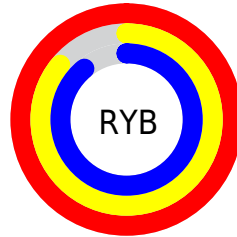
Distribution



Red (100%)

Green (86%)

Blue (89%)



Red (100%)

Yellow (86%)

Blue (89%)

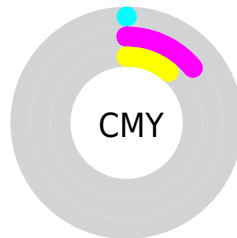


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5751, 77.5245, 84.1157 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 80.5751, 77.5245, 84.1157 by changing the saturation by 10% instead.


 80.5751, 77.5245,
84.1157

 80.5751, 77.5245,
84.1157


485.5759,
486.5505, 528.7655

 60.5018, 57.6835,
62.5650


133.1203,
129.8796, 141.0002

 44.0742, 41.5542,
45.0507


166.3229,
163.1624, 177.1711

 30.9270, 28.7524,
31.1541


204.6326,
201.6947, 219.0524

 20.6949, 18.8936,
20.4568

248.4148,
245.8607, 267.0628

 13.0123, 11.5934,
12.5401

298.0349,
296.0449, 321.6208

 7.5141, 6.4675,
6.9857

353.8582,

 3.8348, 3.1314,

352.6316, 383.1449

3.3748

416.2501,
416.0054, 452.0536

■ 1.6091, 1.2007,
1.2891

■ 0.3983, 0.0623,
0.0528

■ 80.5751, 77.5245,
84.1157

■ 80.5751, 77.5245,
84.1157

■ 71.9151, 64.2213,
68.8456

■ 90.5516, 92.9897,
101.2761

■ 64.5104, 52.9742,
55.3953

95.0500, 100.0000,
108.9000

■ 58.3030, 43.6828,
43.6970

■ 53.2280, 36.2344,
33.6768

■ 49.2144, 30.5050,
25.2552

■ 46.1826, 26.3548,
18.3460

■ 44.0413, 23.6221,
12.8540

■ 42.6803, 22.1096,
8.6717

■ 42.1577, 21.6271,
6.7624

Harmonies

Analogous

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



79.6824, 77.5245, 94.0763



80.5751, 77.5245, 84.1157



79.5737, 77.5245, 74.9574

Triad

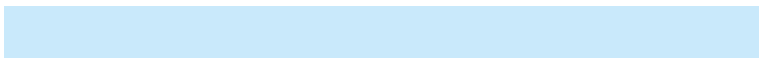
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5751, 77.5245, 84.1157



70.3053, 77.5245, 69.0193



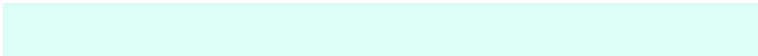
70.4787, 77.5245, 102.2717

Complementary

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



80.5751, 77.5245, 84.1157



81.6105, 93.2351, 100.8874

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.



68.0937, 77.5245, 94.6279



80.5751, 77.5245, 84.1157



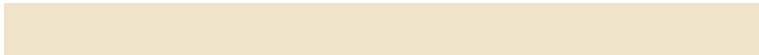
67.9958, 77.5245, 75.4314

Square

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



80.5751, 77.5245, 84.1157



73.5815, 77.5245, 66.6739



67.1988, 77.5245, 84.7070



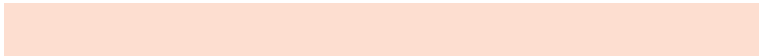
73.7880, 77.5245, 105.0440

Rectangle

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



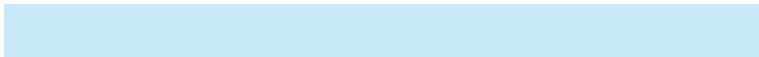
80.5751, 77.5245, 84.1157



77.9844, 77.5245, 70.4071



67.1988, 77.5245, 84.7070



69.5460, 77.5245, 100.1586

Sweetspot

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



80.5769, 77.5277, 84.1173



90.6744, 93.1808, 101.4851



81.3897, 77.4793, 105.2730



19.2372, 19.6787, 21.4310



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

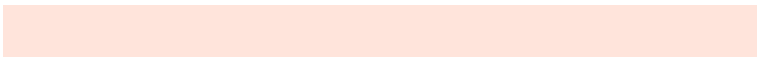
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5769, 77.5277, 84.1173



77.9458, 73.4721, 79.5210



81.7717, 81.8641, 78.5136



18.1956, 18.0615, 19.6469



22.0781, 11.3205, 3.7957



2.1911, 1.1188, 0.5880

Inverse Universe

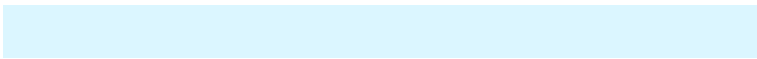
The Inverse Universe completely reimagines the original color for something new.



80.5769, 77.5277, 84.1173



77.9458, 73.4721, 79.5210



80.2215, 88.1935, 107.4027



18.1956, 18.0615, 19.6469



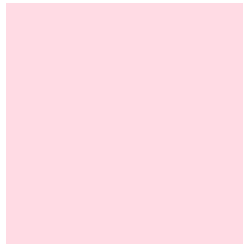
22.0781, 11.3205, 3.7957



2.1911, 1.1188, 0.5880

Previews

White Background



This preview shows how the XYZ color 80.5751, 77.5245, 84.1157 looks on a white background.

Color Contrast Check

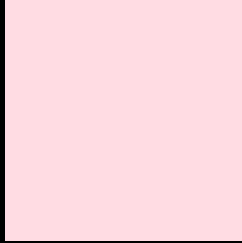
Large Text (above 18pt) WCAG AA × Fail

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 80.5751, 77.5245, 84.1157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

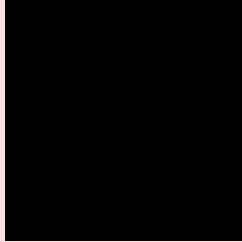
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5751, 77.5245, 84.1157

Background



This preview shows how black text looks on a background with the XYZ color 80.5751, 77.5245, 84.1157.



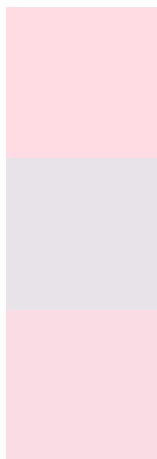
This preview shows how white text looks on a background with the XYZ color 80.5751, 77.5245,

84.1157.

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

80.5751, 77.5245, 84.1157

Protanopia

75.1321, 77.8103, 88.1498

Deuteranopia

79.2844, 77.6383, 84.2057



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

80.5751, 77.5245, 84.1157

Protanomaly

77.0146, 77.6061, 86.5217

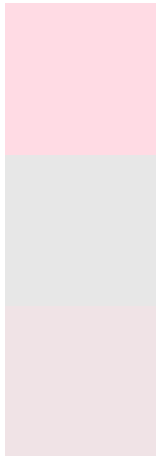
Deuteranomaly

79.7417, 77.4833, 84.1517

Tritanomaly

80.8769, 77.2290, 86.9879

Monochromacy



Original Color

80.5751, 77.5245, 84.1157

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 80.5751, 77.5245, 84.1157 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, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 228) }
```

Border

The CSS property to change the border of an element to XYZ 80.5751, 77.5245, 84.1157 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, 219, 228) }
```


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

```
.border{ border-color:rgb(255, 219, 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, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 228); box-shadow:4px 4px 4px 4px rgb(255, 219, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5751, 77.5245, 84.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 228) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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