

Converting Colors

XYZ(81.7017, 78.1051, 89.6476)

Have a look what the booklet for
XYZ(81.7017, 78.1051, 89.6476)
contains.

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Color

**XYZ(81.5669, 77.9212,
89.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBEB
RGB	255, 219, 235
RGB Percent	100%, 86%, 92%
CMY	0.0000, 0.1412, 0.0784
CMYK	0.00, 0.14, 0.08, 0.00
HSL	333°, 100%, 93%
HSV	333°, 14%, 100%
XYZ	81.5669, 77.9212, 89.3385
YIQ	231.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

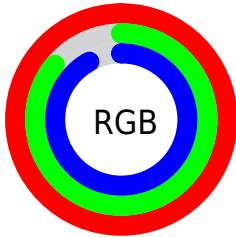
Format	Color
R _Y B	255, 219, 235
Decimal	16767979
CIE Lab	90.74, 15.04, -3.19
CIE LCh	91, 15.380, 348.011
Yxy	77.9212, 0.3278, 0.3132
Android (android.graphics.Color)	4294958059 (0xFFFFDBEB)
YUV	231.5880, 1.6821, 20.5323
Hunter-Lab	88.2730, 10.4617, 1.7854

Details

The XYZ color **81.5669, 77.9212, 89.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5559, 92.8133, 95.3339**, and the grayscale version is **76.3748, 80.3522, 87.5036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7008, 41.8114, 48.3622** is the 20% darker color. If you saturate the color by 10%, you get **73.4510, 64.8356, 76.9336**, and if you desaturate by 10%, it is **90.8685, 93.1164, 102.9452**.

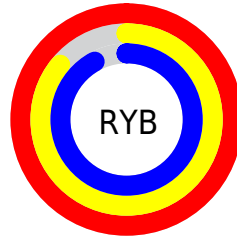
Distribution



Red (100%)

Green (86%)

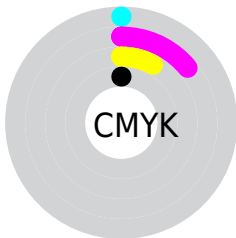
Blue (92%)



Red (100%)

Yellow (86%)

Blue (92%)

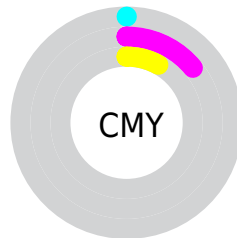


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5669, 77.9212, 89.3385 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 81.5669, 77.9212, 89.3385 by changing the saturation by 10% instead.


 81.5669, 77.9212,
89.3385

 81.5669, 77.9212,
89.3385

488.8543,
487.8992, 546.3911

 61.3215, 58.0092,
66.8615


134.5055,
130.4390, 148.3467

 44.7382, 41.8161,
48.5112


167.9294,
163.8137, 185.7149

 31.4517, 28.9573,
33.8690


206.4768,
202.4447, 228.8841

 21.0965, 19.0485,
22.5165

250.5131,
246.7165, 278.2726

 13.3074, 11.7053,
14.0349

300.4036,
297.0135, 334.2990

 7.7191, 6.5434,
8.0059

356.5138,

 3.9660, 3.1782,

353.7200, 397.3818

4.0109

419.2089,
417.2204, 467.9397

■ 1.6829, 1.2255,
1.6313

■ 0.4455, 0.0824,
0.3130

■ 81.5669, 77.9212,
89.3385

■ 81.5669, 77.9212,
89.3385

■ 73.4510, 64.8356,
76.9336

■ 90.8685, 93.1164,
102.9452

■ 66.4654, 53.7561,
65.6901

95.0500, 100.0000,
108.9000

■ 60.5581, 44.5848,
55.5726

■ 55.6710, 37.2116,
46.5415

■ 51.7399, 31.5152,
38.5545

■ 48.6931, 27.3589,
31.5658

■ 46.4475, 24.5845,
25.5248

■ 44.9026, 22.9985,
20.3738

■ 44.2387, 22.4595,
17.7209

Harmonies

Analogous

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



79.7203, 77.9212, 99.8830



81.5669, 77.9212, 89.3385



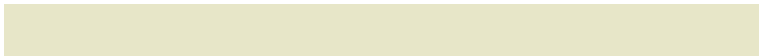
81.3517, 77.9212, 78.4347

Triad

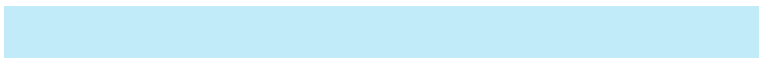
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5669, 77.9212, 89.3385



71.7890, 77.9212, 66.1798



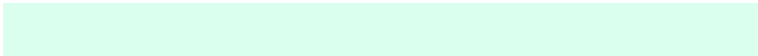
69.2035, 77.9212, 101.6549

Complementary

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



81.5669, 77.9212, 89.3385



80.5559, 92.8133, 95.3339

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.



67.2208, 77.9212, 91.5911



81.5669, 77.9212, 89.3385



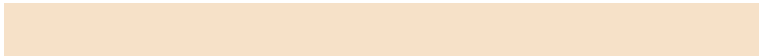
68.6775, 77.9212, 71.3940

Square

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



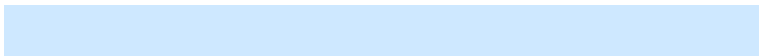
81.5669, 77.9212, 89.3385



75.6153, 77.9212, 65.6910



67.0317, 77.9212, 80.5008



72.5297, 77.9212, 107.3965

Rectangle

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



81.5669, 77.9212, 89.3385



80.0689, 77.9212, 72.4069



67.0317, 77.9212, 80.5008



68.3628, 77.9212, 98.6271

Sweetspot

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



81.5687, 77.9244, 89.3401



90.9828, 93.3042, 103.1091



78.9131, 76.2026, 105.1571



19.3151, 19.7098, 21.8412



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

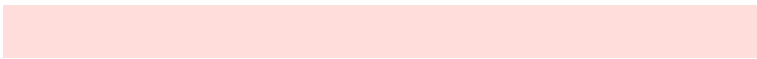
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5687, 77.9244, 89.3401



79.1078, 73.9368, 85.6397



79.8322, 77.9852, 77.8670



18.3448, 18.1212, 20.4328



23.1881, 11.7645, 9.6409



2.3117, 1.1671, 1.2228

Inverse Universe

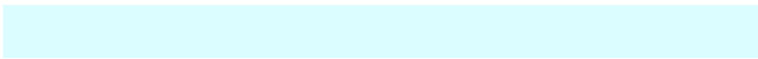
The Inverse Universe completely reimagines the original color for something new.



81.5687, 77.9244, 89.3401



79.1078, 73.9368, 85.6397



82.4538, 92.6581, 108.1468



18.3448, 18.1212, 20.4328



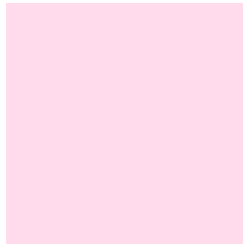
23.1881, 11.7645, 9.6409



2.3117, 1.1671, 1.2228

Previews

White Background



This preview shows how the XYZ color 81.5669, 77.9212, 89.3385 looks on a white background.

Color Contrast Check

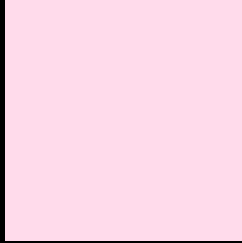
Large Text (above 18pt) WCAG AA × Fail

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 81.5669, 77.9212, 89.3385 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 81.5669, 77.9212, 89.3385

Background



This preview shows how black text looks on a background with the XYZ color 81.5669, 77.9212, 89.3385.



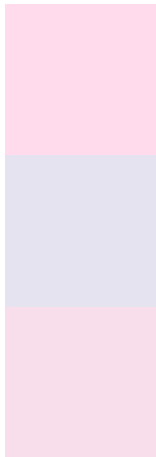
This preview shows how white text looks on a background with the XYZ color 81.5669, 77.9212,

89.3385.

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

81.5669, 77.9212, 89.3385

Protanopia

75.5104, 77.8875, 93.4920

Deuteranopia

79.6840, 78.1395, 88.7245



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

81.5669, 77.9212, 89.3385

Protanomaly

77.3482, 77.6615, 91.8024

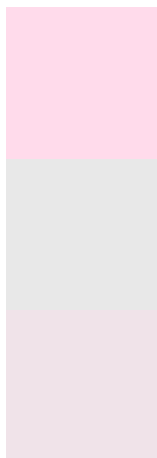
Deuteranomaly

80.4914, 78.1626, 88.6864

Tritanomaly

81.7118, 77.9792, 90.1017

Monochromacy



Original Color

81.5669, 77.9212, 89.3385

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1122, 79.3466, 88.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5669, 77.9212, 89.3385 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.5669, 77.9212, 89.3385 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, 235) }
```


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

```
.border{ border-color:rgb(255, 219, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5669, 77.9212, 89.3385 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
219, 235) }
```

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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