

Converting Colors

XYZ(130.3030, 100.0000,
87.9339)

Have a look what the booklet for
XYZ(130.3030, 100.0000, 87.9339)
contains.

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Color

**XYZ(78.9581, 73.6181,
85.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E7
RGB	255, 211, 231
RGB Percent	100%, 83%, 91%
CMY	0.0000, 0.1725, 0.0941
CMYK	0.00, 0.17, 0.09, 0.00
HSL	333°, 100%, 91%
HSV	333°, 17%, 100%
XYZ	78.9581, 73.6181, 85.6495
YIQ	226.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

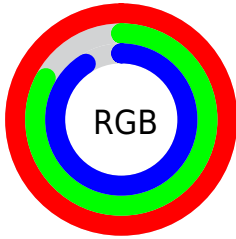
Format	Color
R_{YB}	255, 211, 231
Decimal	16765927
CIE Lab	88.74, 18.55, -4.03
CIE LCh	89, 18.988, 347.735
Yxy	73.6181, 0.3314, 0.3090
Android (android.graphics.Color)	4294956007 (0xFFFFD3E7)
YUV	226.4360, 2.2501, 25.0506
Hunter-Lab	85.8010, 14.1123, 0.8754

Details

The XYZ color **78.9581, 73.6181, 85.6495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6218, 91.3682, 92.1455**, and the grayscale version is **72.5800, 76.3598, 83.1559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9150, 38.8778, 45.7997** is the 20% darker color. If you saturate the color by 10%, you get **71.2313, 61.1846, 73.7634**, and if you desaturate by 10%, it is **87.8493, 88.1299, 98.6961**.

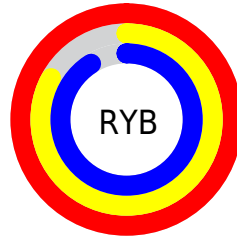
Distribution



Red (100%)

Green (83%)

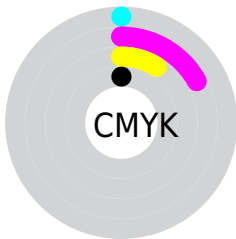
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

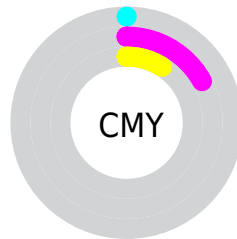


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9581, 73.6181, 85.6495 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 78.9581, 73.6181, 85.6495 by changing the saturation by 10% instead.


 78.9581, 73.6181,
85.6495

 78.9581, 73.6181,
85.6495


480.2048,
473.1543, 533.9753

 59.1669, 54.4815,
63.8249


130.8581,
124.3543, 143.1625

 42.9944, 38.9868,
46.0636


163.6976,
156.7227, 179.6880

 30.0752, 26.7494,
31.9470


201.6172,
194.2705, 221.9509

 20.0440, 17.3851,
21.0565

244.9823,
237.3821, 270.3697

 12.5355, 10.5095,
12.9737

294.1583,
286.4419, 325.3631

 7.1843, 5.7380,
7.2799

349.5104,

 3.6250, 2.6864,

341.8342, 387.3494

3.5567

411.4042,
403.9436, 456.7473

■ 1.4922, 0.9703,
1.3854

■ 0.3205, 0.0000,
0.1303

■ 78.9581, 73.6181,
85.6495

■ 78.9581, 73.6181,
85.6495

■ 71.2313, 61.1846,
73.7634

■ 87.8493, 88.1299,
98.6961

■ 64.6129, 50.7242,
62.9984

95.0500, 100.0000,
108.9000

■ 59.0500, 42.1363,
53.3193

■ 54.4826, 35.3079,
44.6870

■ 50.8450, 30.1134,
37.0595

■ 48.0623, 26.4103,
30.3911

■ 46.0476, 24.0314,
24.6308

■ 44.6892, 22.7614,
19.7183

■ 44.3865, 22.5186,
18.4991

Harmonies

Analogous

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



76.7107, 73.6181, 98.3933



78.9581, 73.6181, 85.6495



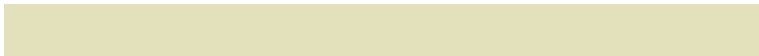
78.7220, 73.6181, 72.6997

Triad

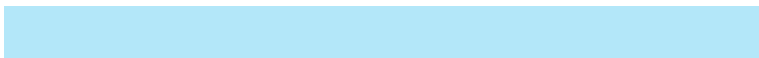
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9581, 73.6181, 85.6495



67.3168, 73.6181, 58.4066



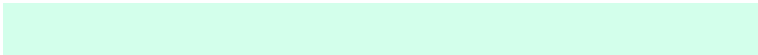
64.2006, 73.6181, 100.3625

Complementary

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



78.9581, 73.6181, 85.6495



77.6218, 91.3682, 92.1455

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.



61.8953, 73.6181, 88.1089



78.9581, 73.6181, 85.6495



63.6396, 73.6181, 64.3269

Square

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



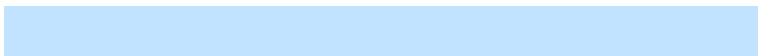
78.9581, 73.6181, 85.6495



71.8640, 73.6181, 57.9023



61.6946, 73.6181, 74.9056



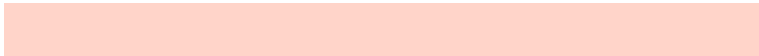
68.1131, 73.6181, 107.4898

Rectangle

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



78.9581, 73.6181, 85.6495



77.1885, 73.6181, 65.6579



61.6946, 73.6181, 74.9056



63.2195, 73.6181, 96.6488

Sweetspot

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



78.9598, 73.6212, 85.6510



90.0168, 91.6933, 101.7976



75.4318, 71.3835, 104.4105



19.1212, 19.3857, 21.5804



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.



78.9598, 73.6212, 85.6510



75.9302, 68.7228, 81.0624



76.6604, 73.2870, 71.7374



18.3527, 18.1244, 20.4742



23.2660, 11.7957, 10.0510



2.3196, 1.1702, 1.2644

Inverse Universe

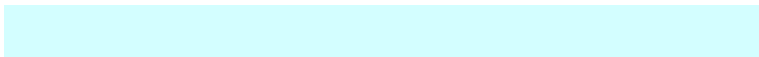
The Inverse Universe completely reimagines the original color for something new.



78.9598, 73.6212, 85.6510



75.9302, 68.7228, 81.0624



80.2097, 91.6577, 108.0719



18.3527, 18.1244, 20.4742



23.2660, 11.7957, 10.0510



2.3196, 1.1702, 1.2644

Previews

White Background



This preview shows how the XYZ color 78.9581, 73.6181, 85.6495 looks on a white background.

Color Contrast Check

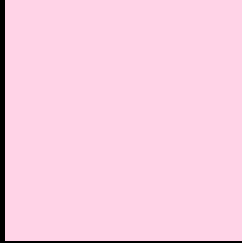
Large Text (above 18pt) WCAG AA × Fail

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 78.9581, 73.6181, 85.6495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

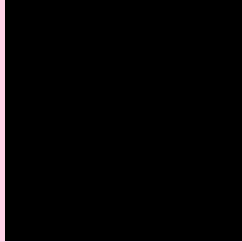
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9581, 73.6181, 85.6495

Background



This preview shows how black text looks on a background with the XYZ color 78.9581, 73.6181, 85.6495.



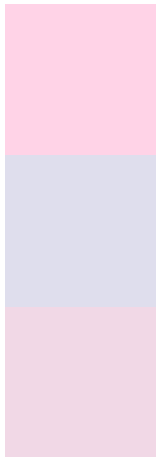
This preview shows how white text looks on a background with the XYZ color 78.9581, 73.6181,

85.6495.

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

78.9581, 73.6181, 85.6495

Protanopia

71.8388, 74.0450, 90.6266

Deuteranopia

75.1144, 73.5257, 85.0958



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

78.9581, 73.6181, 85.6495

Protanomaly

74.3277, 73.8031, 88.9252

Deuteranomaly

76.3355, 73.3991, 85.0070

Tritanomaly

78.9263, 74.0041, 84.2531

Monochromacy



Original Color

78.9581, 73.6181, 85.6495

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.7851, 75.3189, 83.9952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9581, 73.6181, 85.6495 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, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 231)  
}
```

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, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.9581, 73.6181, 85.6495 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, 211, 231) }
```


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

```
.border{ border-color:rgb(255, 211, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9581, 73.6181, 85.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 231) }
```

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

```
.background{ background-color: rgb(255,  
211, 231) }
```

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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